

<210> 1641
 <211> 966
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(966)
 <223> n is a, c, g, or t

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<400> 1641
ttnanaaaat ctggagctcc accgcggtg gcggccgctc tagaactagt ggatcccccg      60
ggctgcaggg ccgggttgag aggagcgtgg ctttctctc tccccgcat ggcgtgtgct      120
cgtccactga tatcagngta ctccgaaaag ggggagtcct ctggcaaaaa ngtcactttg      180
cctgctgtgt tcaaggctcc cattcgaccc gatattgtta antttgttca cnccancttg      240
cgcaaaaanca ncanacagcc ctatgctgtg agtgaattan cagggnatca anccagngct      300
gagtcttggg gtnccggcan agctgnggct cgaattccca gggttcgagg tggcgganct      360
caccgttccg gncagggcnc ttttgaaacc ntgtgtcnng gggcccgann gtttgcccca      420
nntaaaacnt gncaacgttg gccccngnaa agngaattca acccaaaacc natnccntt      480
nngttttgca ntgnttgctt aaaccttacn agggntggtn atgtttaaag gnnatcntat      540
aaaggaagtt cctgaacttc ctttgggggg ggaaaanaaa gtngaaggtt acaaaaaaac      600
caaggagagt tggtttnntt ttnaaaaaac ttaaggcctg gaatgaattt caaaaagggt      660
ntntnccntt taagnaatga aacctggcna aggcaaaaaa naaaaaccgg nccccgtntc      720
cagcccangg ggacccttgg ttttttttta agngggggcca anggnntttt tcaaggcctt      780
tnaaaaaaat ccccgggaaa nacccttggg tnaangggaa cccaaccttn aacanttttg      840
naaacttttt ccctgggggg ggnaccnngg gaaacntttt ttgcattttg gaactgnaaa      900
aggctttttc ccaaaagttt naaaaaaanc tnttttgggn ccnttggggg aaaaaaccnc      960
ccnccn

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<210> 1642
<211> 948
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(948)
<223> n is a, c, g, or t

<400> 1642
naaaagctgg agctccccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc      60
aggaattcga tatcaagctn atngataccg nctacctngn gggnnngccn gggncccant      120
ttaccctata gtgagtctga ttanagaggn ccctcccaa acccttggtg aaacagccaa      180
ngaagccaag gagaangccn angagacggc actggcagct acagagaang ccaaggacct      240
tgccagcaag gcanccacca anaagcagca gcagcagcag cagttcgtgt agccagccca      300
ggccctgaag cancagccta acanactacc anctccaggc cctgtgcccc ctctcttgt      360
actttattat taaaagccag cttctagccc tctcgactgt ctgggtggtg ggctgaggg      420
aggtgccctg tttgcatctc cagcatagcc agctggttac ccatactga gccggcttcc      480
ttaccctgc atcgggtggc tgangacaga agcacagtga cttgccacg gtcaccgnat      540
ccangtgaag tggatcatgaa tgctanactg taagctccat gaaggcang accgntgttt      600
atccttctga tgtgtcccca agtatnttga aacaaaattt gcgtgtaaca ngcacttcaa      660
taaatacttt gttgaattca atcggacccc agaanaaaaa aaaaannntn tnnnaantnt      720
ngnggggggg ggcccgcccc caanttnncc cttntntggg gggggnnnnt taaaannnnn      780
nnnttnntt nnnnnngnnn gnnnnnnaaa annnantnna nnnccccn tnnnnngnn      840
tnttaanann nnnnttnaa nnnnnntttt nnnnnnttnn nnnaaaann nnnnnccn      900
nnnnnnnnnn naaannnnnn nnnnnntnnn nnnnnnnnnn nnnntn      948

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<210> 1643
<211> 977
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(977)
<223> n is a, c, g, or t

<400> 1643
tnnnnaaaa gctggagctc caccgcggtt ggcgccgct ctagaactag tggatcccc      60

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gggctgcagg aattcggcac gagggctcag cctgtccatc gaggggtccca gcaaagtaga 120
catcaacaca gaggacctgg aggatggcac atgcagggtc acctactgcc ccacggagcc 180
tggcaactat atcatcaaca tcaagtttgc tgaccagcac gtgcctggca gccccttctc 240
cgtgaaggtg acaggcgagg ggcgtgtgaa agagagcatc acgcgcaggc gacgggcccc 300
atcgggtggct aatgtttggca gtcactgtga cctcagcctc aagatcccag aaattagcat 360
ccaggacatg acagcccagg tgactagccc atcaggcaag agccacgagg ccgagattgt 420
ggaaggggag aaccatacct attgcatccg ctttgtgcc a gctgagatgg gcatgcacac 480
ggtcagcgtc aagtacaagg gccagcacgt gcccgggagc cttttccagt tcaccgtggg 540
gcccctgggg gaagggggag ccacaaagg ccgtgccggg ggccctggcc tggaaagggc 600
tgaagctgga gtgccaaccg aattcaacat ttggaccng gaagcttgcc ncggggggcc 660
tggccattgt tgtcgagggc cccaaccaag ggcgaaaatt tccttcaagg accggaagga 720
tgggttcctt gnggcgtggg ntttacngg nccanggagc caggngaact tttgaggggn 780
cnntcaagtt tnaanngggg gggcccatnc ccccnnaan nccccntttt cggggggccc 840
ngggggggtt ttcccgtgg gggacncccc cccccctta ctgggtttta aggnnttttag 900
ggagnnangg ggnntaaagg ggnaancccc ccccccccn tttttttgaa nccanccccg 960
naatnggggg cccaang 977

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<210> 1644
<211> 921
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(921)
<223> n is a, c, g, or t

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<400> 1644
tnnnnaaaac tggagctccc cgcggtggcg gccgctctag aactagtgga tccccgggc 60
tgcaggaatt cggcacgagg gngttgctg ctnccttgcc tgtgcgccg angcgccgn 120
nggctttatt nccacntag ananaccgaa nancgctgnt tcatcgaaga aatccccgac 180
nagaccatgg tcatcgggaa ctaccgnacn canntgtggg annancagan ggaggnnttn 240
ctgccttcga ccncngnnt gnnatgcac gngnaggta angacnntga aggcaangtg 300
gtgctntcnc ggcagnacgg atcagagggc cgtttnacct tnncttccca cactcctgga 360
gaccatcaga ttngcctgca ctccaactct accaggatgg ctntctttgc tggcaggcag 420

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actgcttgta cacctagaca tccaggttgg ggagcatacc aacaactacc ctgagattgc	480
tngccaagga taagacttga cngagactac agctccgagc ccgccagctg cttgatcagg	540
tggacanatc cagcaaggag cttggattac caaaggtatc gtnaagagcg cttccgtctg	600
atnagtggac annaccaccc anaggggttct gnggtggncc atngctcaaa ctggttatcct	660
tatccttcac tggnatcatg gccnatcccn ancttaagaa cttcttttta agnccaaaag	720
ctggtgnaaa tggcctcacc aacngaaac ctttctggtg ancctaaagn aatnnggtac	780
ctttcccca cncaatatch ttatcccncc tggaattttt gagggaaaaa aaaaantgaa	840
aaaaanaat nttttcccc ntttggttnc cttnggnnnc caangnattt nnaatncnn	900
ccccnttttt naaaacttgg t	921

<210> 1645
 <211> 1000
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1000)
 <223> n is a, c, g, or t

<400> 1645	
aaaactggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca	60
ggctttgctc cagtcaatgt aacaactgaa gtgaagtctg tagaaatgca ccatgaagca	120
ttgagtgaag cccttcctgg ggacaatgtg ggctttaatg tcaaaaacgt gtctgtcaaa	180
gatgtccgctc gtggcaatgt ggctggtgac agcaaaaatg atccacccat ggaagctgct	240
ggcttcacag ctgaggtgat tattttgaac catccaggcc aatcagtgct tggatatgca	300
cctgtgctgg attgtcacac agctcacatt gcttgcaagt ttgctgagct gaaggagaag	360
attgatcgctc gttctgggaa aaagctggaa gatggccta aattcttgaa atctggtgac	420
gctgccatcg ttgatatggt tcctggcaag cccatgtgtg tcgagagctt ctctgattat	480
cctcccctgg gccgttttgc tgtgcgtgac atgagacaga cagtcgctgt ggggtgcatc	540
aaagcagtgg acaagaaggc agctggagct ggcaaggcca ccaagtctgc ccagaaagct	600
cagaaggcta aatgaatatt atccccaata cctgccaccc cagtcttaat cagtgggtgga	660
aagaacggtc tcaaaactgt ttgtctcaat tggccattta agtttaataa gtaaaagact	720
ggttaatgat aacaatgcat cgtaaaacct tcaanaagga aanggagaat ggtttttgtg	780

ggaccatatg ttttgtgggg tggcaanttt aaagttatta gtttttttnaa aatcaagtac	840
cttttttaat gaaaaaccaa cctggcccaa aaaatctggn cacagaaatt tggagaccn	900
tttaaaaaaa ggtttaatga nnaaaaaaaa aaaaaaaaaa cttcgngggg gggcccgnc	960
ccnatttgcc ctttnntggn gnnnnnnnnn tttnnannnc	1000

<210> 1646
 <211> 981
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(981)
 <223> n is a, c, g, or t

<400> 1646	
caaanctgga ctccaccgcg gtggcgggcg ctctagaact agtggatccc ccgggctgca	60
ggtgctagtt tgaaagtggc tgcagccatt gctggctatg tgtttagaga caaggtgaga	120
tcagaattta ataaggactt ccggcagcag atgaagaatt atccaaaaga caaccagacg	180
gcatcgatcc tggataagat gcagaaagat tttgagtgtc gcggggcggc taactacaca	240
gactgggaga agatcctggc cgtgaccaat aaagtccttg actcctgctg cgtcaatatc	300
actcataact gtgggattaa tttcgttgtg aaggacatcc atactgaggg ctgtgtggag	360
aagattgcgg cctggctgag gaagaatgtg ctggtggtgg ctgcggcagc cctaggcatt	420
gcctttgtgg agatcctggg tattgtctta gcatgctgcc ttgtgaagag catccgaagt	480
ggctatgagg tgatgtaggg ggtctgtctc ttcagccccc tcatccaggg gagtggggta	540
atatactcca ggtttttcaa ttaaacggat tattttttca gaccccaaaa aaaaaaaaaa	600
aaaaaacct gggggggggg ncccgncccc nttcncnt ttangggngg nttnanncn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnnnnnnnnn c	981

<210> 1647
 <211> 1000
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1000)
 <223> n is a, c, g, or t

<400> 1647
 naaaatctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 cagggaattc ggcacgaggt aaacgaatac attaacggtg ctaaacacag aacattttta 120
 accccaggtc ccggacattt cttaaagctgg taaccttcaa gccttcttca cgggccttct 180
 tgnttaccn tgaatgggcc cgnttttctt ttgncggggg nnccttcnnc cattggcttg 240
 gnggnacatg gngngaacan ttgatctgnt nnnnctggc ttnaanacnc nntggntttt 300
 tanaatttnt nntttnttgg tnaaaannna tnntnncna nnnaaanntt nggntaantt 360
 tannttnagg nattggcnng cnggggggca tnccttanng gncngnana ngncnaaggg 420
 aaataacnng cacctnangg tggcnangat ncntctaagg cnaaangaac aatgggtggga 480
 ganaccngcc naatccacca cncncnaact ggagataacn aatcttatgg tcacngggcn 540
 gtgacngaca caaangagaa ctgagaggtg tgggtctgan aagnncanat aactcttcta 600
 cactattacn ccanattctt ttcacatatt cccctctct cacttttgcn gaagcgcant 660
 ttnttttttt gcnctntntn nchnaatntt ctcnnaacnn ttttcaanag acanntnngc 720
 cacnccccnt ctctgggnat cccccncac cctctgtnga gngggntaa ccatgtgctg 780
 cgggggtggg tcccctccta aantactctt ttttgaagat gcagcgacan nggnggcttg 840
 tttttncccc caaaanaacc ncanttctnn aagccgagg gcccacacgt nggggnanaa 900
 aaacaaaaaa anggcggggg gggnggaaat gggggtttnt ntttgggggg gtccngggg 960
 nccttttttt caacancntg ganggngngn ncnccaccnn 1000

<210> 1648
 <211> 950
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(950)
 <223> n is a, c, g, or t

 <400> 1648
 aaaactggag ctccaccgcg ggggcggccg ctctagaact agtggatccc ccgggctgca 60
 ggantnnnnc acngggccnc agtgtggnac ctatggnatn tacnntcgan tcaagaanna 120
 cgtngactgt ananngaana caatgcatga gtatnnngcn ccnaggntnc actaaccatn 180
 canggnccac canntctctt aagggtggn acccntntng actttctctt nctnacaata 240
 gttccattat ttcaccatga ctgaggacag gacacggnag tganantgag ctagngccan 300
 gacttgnttg ncnggacact gnntnggagg tacgntnctg ntctgtggc tgnnnngtn 360
 ntncannann nggggnctan ctacatgggg gcctctaccn cgannccntn ctnggactt 420
 ganngtacan ggnanacct ctctttntct attcatgggg tgggggggtcc tctntctgan 480
 ataaccatt cctgtcacca nttattgact gatnaaantn gctgngangg cattctcttg 540
 atgccttggn ggcaccccc tnnacctgtn tnaannggac cacatggccn tttgntatgn 600
 actcggaatn aagcntgnnt ataaccttta ataaaatctt tttaaaacac gggggggggg 660
 cccngcccc ntggggggcc nntggggggc ccnatncccc ctatgggggn gnnngnnanc 720
 annnnnncnn nnnnnnnnnn nncntncnn nnnnnnnnnn gnnnnnnnnn nnnnnnnnnn 780
 cnnnnnnncn nnnnnnnncn nnnnnncccc nnnntncnnn tnnnnccnnn nnnntnnnnn 840
 nnnnnnnnnn nnnnnnnntn nantntntnn tnnngnnntn cncnnnnncn ncnnnnnncc 900
 cnnnnncnc tancnnntn nnnncnacnt nnnnnnnncn nnnntnccc 950

<210> 1649
 <211> 950
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(950)
 <223> n is a, c, g, or t

 <400> 1649
 aaaactggag ctccaccgcg ggggcggccg ctctagaact agtggatccc ccgggctgca 60

ggantnnnnc acngggccnc agtgtggnac ctatggnatn tacnntcgan tcaagaanna	120
cgtngactgt ananngaana caatgcatga gtatnnngcn ccnaggntnc actaaccatn	180
canggnccac cannctctct aagggtggn acccntntng actttctctt nctnacaata	240
gttcattat ttcacatga ctgaggacag gacacggnag tganantgag ctagnccan	300
gacttgnttg ncnggacact gnntnggagg tacgntnctg ntntgtggc tgnnnngtn	360
ntncannann nggggnctan ctacatggg gcctctaccn cgannccntn ctnggactt	420
ganngtacan ggnanaccnt ctctttntct attcatgggg tgggggggtcc tctntctgan	480
ataaccatt cctgtcacca nttattgact gatnaaantn gctgngangg cattctcttg	540
atgccttggn ggcaccccc tnnacctgtn tnaannggac cacatggccn tttgntatgn	600
actcggaatn aagcntgnnt ataaccttta ataaaatctt tttaaaacac gggggggggg	660
cccngcccc ntggggggcc nntggggggc ccnatnnccc ctatgggggn gnngnnnanc	720
annnnnnnncn nnnnnnnnnn nncnntncnn nnnncnnnnn gnnnnnnncn nnnnnnnnnn	780
cnnnnnnncn nnnnnnnncn nnnnnncccc nnnntncnnn tnnnnccnnn nnnntnnnnn	840
nnnnnnnnnn nnnnnnnntn nantnntnnn tnnngnnntn cncnnnnncn ncnnnnnncc	900
cnnnnncnc tancnnntn nnnncnact nnnnnnnncn nnnntnccc	950

<210> 1650
 <211> 993
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(993)
 <223> n is a, c, g, or t

<400> 1650	
ttnnnnaaan nctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcagga attcggcacg aggcctgaag actctggtgg ctaaggggct tcatcccagc	120
tgagaagcga agagccgcag gcggccgccg acttcacagc cgctcgggggt ttttagagct	180
tcagctataa aaatgggcag gattttcctt gatcatatcg gtggtncctg tctgttttcc	240
tgtgcaaact gtgatncgan cntgnccanc cgttcaaaan tcatcthtac tcggttcaca	300
ggcgccantg gcanagcntt tntttttanc aaggngagta ncctncngtn tagngaagtt	360
nagaatcggg nnnntnctcan tggccgccac ntgggtcnnn angtgagctg caaaacnngc	420
attancaanc tgggatggat ntataagttt gccantgana acngccagng ttataaggaa	480


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ggncgngnna tcntggaccg ccccttttan tncanaaaaa gnnagggttt ttgaggganc 540
atgtncnntc tgatacctnt ggaaaaaaaa aaanaaaaaat ccntnttttc ccaggtctcc 600
tttactgaa aaacaaaaan ttactttaca taccctgtgc cccttaacat tnaaagtcgg 660
atttcntgaa cctggggnaa caaaaanttt ggggaaaaat ttttgaaggg anccttcct 720
ttntttccc tttttttttt ttnaaaattn nnatttttcc ccccccaac accggggggt 780
ggaaaanaaa aatttttccc caaagncccc gttttttttt ttttttttc cccccggngg 840
gtncaccenn nggggggggn aaaaaanttt tttttcccc ccccnctgg ggggggnttt 900
tggnggagna aaaaaaatt nggggggttt tttaaaagg ggggaaannt ttttttttnn 960
aaaatttnnn anagaggaaa ggggggncna aan 993

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<210> 1651
<211> 956
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(956)
<223> n is a, c, g, or t

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<400> 1651
aaaagctgga gctccccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca 60
ggaattcggc acgaggcnag nctnttttnc cnntnncntn ggnngnctga angcttggan 120
cccctccnt nggaanaaga ngcntaaaac tcnganancg nccgntacat gccattntg 180
aggncacacc nccgaaanna antgggtcca accantcca agcttgccna attcggngnc 240
acgnaacatg ntaggaangc cttttttgcc nnaccgncg atgnaaancg agentcacnt 300
ttgtggnaga nccnanttca nanaaaaana ggagggnttt caacnacaga ttttattagn 360
atacnacatn gatactatan ntcncccatg gnacaaatcc atgattnaga ggatnntaag 420
ancgaggcan ncaggngnt ttatttacan gaaacattnn ngcctttacc gaatnntct 480
ccngatgcnt nntttttcaa tgctgtgcac tcgnggaaca aaaataaaat cccctgattg 540
ccaggnttg acccnatnaa tgggaacgca cttntntnc tnaccacag accaattntt 600
aagtccncc ncctttttat gtgttgattt gcccaagncc gccttatgan ctttttcttg 660
anacaaatng naancgggac ctaacataac cncnccttgn ttccccggga cccttncaaa 720
aatttaagcc ttgaaccgtt ttntcggcn acccgnggg gcttgcccta ncccccnct 780

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ngaaaaaaa nggggaattt tttaaaaaa tttttntccn aaagnggggg gccctttaaa	840
ccccaggtng ttnttaaaaa ccnccaant ttctgnaaa agnggaaagg gttncnttn	900
ggccttaaaa aaancccntt ttaaaaaatt ttnttnggga aaaaaaggaa attggt	956

<210> 1652
 <211> 960
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(960)
 <223> n is a, c, g, or t

<400> 1652	
naaaagctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggcaacaa cctcttgaag tgaccgttcc tgccccaggc ttccaacaca gccatgtctc	120
tcctcctgct ggtggtctct gccctccaca tcctcattct catcctgctt ttcgtggcca	180
ctttggacaa gtctggtgg actctccccg gcaaggagtc cctgaatctc tggtagact	240
gcacatggaa tagtgacaac aaaacgtggg cctgcagtaa cgtcagttag aacggctggc	300
tgaaggcagt acaagtctc atggtgcttt ccctcactct ctgctgtctg tccttcatcc	360
tgttcatgtt ccagctctac accatgcggc gaggagggt attctatgcc actggcttct	420
gccagctttg caccagcgtg gcggtgttta ccggggcgct gatctacgcc attcatgccg	480
aanagattct ggcggaccgc ccgtcggggg gcagctttgg ttactgcttc gccctggcct	540
gggtggcctt tcccctcgcc ctggccagcg gcatcatcta catncacttg cggaanccgg	600
agtgaaggct tgcncctncc cttggttncc caancgantt cccgggccct tcattntaac	660
ccgcaagccc ccanccttct ttcnttttta ttttaacaa aaaaataaaa ctggttaanc	720
cgccgaaaa aaaaaaaaaa aaaaacttgn nggggggggc ccggancca aattnnccct	780
ttaannnnng gggggnnnnn nnnnnaaaaa nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960

<210> 1653
 <211> 997
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(997)
 <223> n is a, c, g, or t

<400> 1653
 ttganncna tctggagctc cancnngtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga attnnncacg aggatnntnn ntnnctgann nantgttcaa gnacngcnct 120
 ggggnannntt antnntggng ngtcntncnc tgnngannct tantatnaaa ntgnntntnn 180
 nnntcactta nnacaagatc tgntgcannc ncncagtgt nnannccntc nnacngngnt 240
 nctantgncc atggaatnnn gntatggtga cgnggaccna nacnaccntt nntganatnc 300
 tntgtnttan annncngat ttgnttnga nagtgannca tcatantctt ngggntgccc 360
 ntgatcntna tcangntgna gtatntanac cntgcactga ngngggctat acatatanga 420
 cgtgtctttt gccatgtttg cnccacncan ggtatagtgt tantnggatc taatnatcta 480
 agccganttn tgcngaagac tgtcttgnat tancctnnt cttnttgnaa gaatttgnnt 540
 anctgattcg ancttgggnt agttgggcnt ttttcccttt ngcnttgggg aagctttatn 600
 aatnatangt nccactttgn gactatctgn cagntttang gncttgttcc nttgccaatt 660
 gtttttagcnn tttncnccc ncccccccc cccccccct tntttttana agntgcngta 720
 nttttttctt nntttttcnt tttttttacn anaatnaant tttttttttt ttttancccn 780
 gnnttnnttt ntttttnnnc aataaatttt nnnngggggg tnccttnnttt tncggaactt 840
 ttчнаанant tnanaattgn nattntntc cnnnctnatn ntnatttcca nnctncaacc 900
 nttattanaa aattatnttt tcнаaanag gttnccttn nnnacannnt tnntannatt 960
 ttcnttttgt nnagnttctt ttnnaaaaac atttttc 997

<210> 1654
 <211> 1013
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1013)
 <223> n is a, c, g, or t

<400> 1654
 gcctatntgg agntgnatnn cagtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggtgctga cggacctgtg gagctcctgg cactcctgga cctcaaggta ttgctggaca 120
 gcgtggtgtg gtcggcctgc ctggtcagag aggagaaaga ggcttcctg gtcttcctgg 180
 cccctctggt gaaccggca aacaagggtcc ttctggagca agtgggtaac gtggccccc 240
 tgggtcccatg ggccccctg gattggctgg acccctggc gagtctggac gtgagggagc 300
 tcctggtgct gaaggatccc ctggacgaga tggttctcct ggcgccaagg gtgaccgtgg 360
 tgagaccggc cctgctggac ctctggtgc tcctggcgct cccggtgccc ccggccctgt 420
 cggacctgcc ggcaagagcg gtgatcgtgg tgagaccggt cctgctggtc ctgctggtcc 480
 cattggcccc gttggtgccc gtggccccgc tggaccccaa ggccccctg gtgacaaggg 540
 tgagacaggc gaacagggcg acagaggcat taagggtcac cgtggcttct ctggtctcca 600
 ggggtcccc ggccctcccg gctctcctgg tgagcaaggc cttccggag cctctgtcct 660
 gctggtcccc gcggtcccc ttgcttctgc tggtttctcc cgggcaaaag aatggactca 720
 ntgggtcttc ccaggcccca tcggtcccc tgggcccttn aagggtccaa ctggngaag 780
 cttggtcctt gcttggtcct tcccgnccc tcntggacc cccttgntnc cccaagggtcc 840
 ttccaagcgg gcgggnttnc naatttganc ttctgnccc annccacctt aaanaaaaag 900
 gctcaccnaa tgggtggccc ttntanccg ggcttnttaa tnccaatggt ggtccttnaa 960
 cnnnaccntc aagtgnngan anccnccct taaaaacctn anccnannta ant 1013

<210> 1655
 <211> 1023
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1023)
 <223> n is a, c, g, or t

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<400> 1655
ncannatctg gagctccacc gcggtggcgg ccgctctaga actagtggga tccccgggc      60
tgcaggcacc catcaacccc caagctgaag ttctatttaa actattccct gaacactatt    120
aatatagttc cataaataca aagagcctta tcagtattaa atttatcaaa aatcccaata    180
actcaacaca gaatttgcac cctaaccaaa tattacaaac accactagct aacataacac    240
gccatacac agaccacaga atgaattacc tacgcagggg gtaatgtaca taacattaat    300
gtaataaaga cataatatgt atatagnaca ttaaattata tgcccatgc atataagcaa    360
gtacatgacc tctatagcag nacataatac atataattat tgactgnaca tagtacatta    420
tgtcaaattc attcntgata gtatatctat tatatatcc ntacatnag atnacnanct    480
taacnangnn gcnggganac accaccnct tggtagggan gccttttttt ntnccngcc    540
cataaaacgg gggggggggg gtttttangg aatttnncnc gnccttnggn ttttttttna    600
nggccttttt tttaaaaagg ggccttnttt ttnnttttaa aaaaaaaaaat ntcgaangna    660
cnnaatgggg taataaancc cctnngnccn ccnaaaaaag gnggggnggg gnnaaanntt    720
ngggattttt ttttattttg ggggganggg gtgggncctc anttttgggc ccgnnaaaag    780
gccttanccc cnggaaatnt atttnggggg ggggntatta aanggnnttt tggggccccc    840
cccttntggn aanagnngng gcntttccng nnnntngggg gccaggnntn ttattttttt    900
ttttttttnc cccnttttna aaaaantttc cccttatnat tcnncccnnc cnttttttna    960
anaantttnc cnaaaaaant nattnaaaaa ttttccnnn nntnnaaanc ctttnaaacc   1020
ccn                                                                    1023
```

<210> 1656
 <211> 1048
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1048)
 <223> n is a, c, g, or t

```

<400> 1656
nnnnatctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc cccggggctg      60
cagggnatnt cctcccnngg cccacaggca cnncnctat ccggnacct naggnnnncnc      120
cnnngccttc cntggncctt gagcnnggna taachtattt atgatggnan accgggcacn      180
cttggaatg gncaaaangg ntngctncn nnttggggc tngnngcgg cttanntgaa      240
nnnnagatnt ngngncctnt ngggaccttg gaaangggac gncccttnt cnatgnnga      300
anttanaact cctgaacccc tggangncn gctannaga agccccctca accngaaanc      360
cctgcccttt tnnnctttt ccagcnanan gtnggnccc gagggcccnt ctttctaata      420
cgacnttcca gnnnnncnt tctattttna aaatttttc annttntacn nccgctnntn      480
nnntaagaca gcacncacnt tgtctangnn taaacntcna accntttacn attctcataa      540
tntcaagcnc tagantttga taggggnnac aaaaaccct cgggttnnta agatgccttc      600
agnnggatnt caggnggttn ctttctagtg cnnggnnaan ggngngccc actttcattt      660
ncctggggcc cntgtttcgg anaantttct gggaggntg cctnttgcaa aaggngattt      720
cnccccccnc cgcccttct tgnntnnna acaacaang nccccggctt nnagtgcgcc      780
nnganggggg ggtcccnnc gnntnncgnc ntatnccca nganccctcg ccaccatngt      840
nggtnncaan aannntgggg gnnttttgaa attnttccgg ncgagntccc ntggaannnn      900
tctnnngana aaaatgttcc tctccccccn ccnngtnnnt nntatgggnc gcnnacttgg      960
tggnccccc cncctttnt ncngcanncg ccgcnccttt nttttttgga nggantggnn     1020
natttttnna agnttaann ngtcccc      1048
  
```

<210> 1657
 <211> 1711
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1711)
 <223> n is a, c, g, or t

```

<400> 1657
ganacccgan anttanacnn ttntctnnan tannnnntttt tttntatntn nnnntntncn      60

nnnnntnnnnn gacgncncn nncnannact ncnangacnt nnagtanaga ngagtgcctnc      120

gcacgnngnt cttnggnngg anncgngggg cnnagactag gcctncctc gntttnggng      180

ncnnntntg gcagntcgca tnacnagtgg gcggcncnt cctataatna gtgccgttcc      240

cccttttttn cncaantgg tattancatn tatttttann ccncannaaa nctctntnta      300

cgncctngg ggacttnatt aancttgntc nttttatcan tngctntccc ncngtccctca      360

nccnctatn tncnctatcg tcntcncctc tttntctntt ntnaactnac ncnacactac      420

caannctnca anatanntnc ctcatnatgn ancnnnctnn nnnctagnnt cnttntnnat      480

ttantcatt tattcnnta tnattannnc ngagtnnttn ggtntcttat catgtntant      540

ttannctnca catangnctn nnttgtnatn ncnantnct ntagncagac cccatntct      600

cnatnctntn ttnatatnac nntcctcgac ntttnanacn cnacagtcan nttnannnnc      660

ntgncncgga ctaccanncn caataatana tnanantcac tgcctntcnn annncncnga      720

anggttgacn nntnccctgt tncnctga nncncncccc cgtcatantc ttnangattg      780

ccnnancagn anccccnag nnnactnann nnngaatan ctnnttattc tctnncaatn      840

ctttctcacc acantntntt ttatnanatn antgaccgac agtncctcga ttnttctng      900

actccctctt ttnacncna ccaacantcc ncntgatacc ncnatagtcc ctctnatnct      960

nttatnnnnc actaccntn nnctnccctc nannntatct ncnttanncc nngtctatna      1020

taagttcttt cntncnngta ttctctcnc nnttccccac ccntcnanca cacnctantc      1080

ntnncttccc tantnngntn atttagancn nnngnnttat tnntccaagt antgtntntc      1140

ttangtnncn ancttntatn cngtcgtatn ccactgacca ancctctgta ntanactcac      1200

gtatcctntn atcnntaat tatagncttc tngcnctagt ngnatngntt ttagnatcaa      1260

ctgcnncccc tncgatntt tctctatta tntctngta ntntgancn naacaccacn      1320

ncnntcanc ctcancgan gtgagncnnc catcgatnan tacactccgt atctctntnt      1380

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tntctctnt gtncccnct nctctntct acnntcgccn tacngtgtnn atctanatcg	1440
ctctcgatc nnacctctnn tntncnccgt atnnngnnnt cactctnatn ntcnatncac	1500
acgtngntnt actaaanctn annnnttaat nctcattag gtccctncct atnctcacct	1560
nctncttatg gcttgtnctn anaaacgcgt ncccaacct ataggatct nactctattg	1620
tgttncctc atcatnna ntttnacnc taggttagtn tcntatagna cgannatttt	1680
ngcnanaagc nttanttncg gnnntatnc g	1711

<210> 1658
 <211> 1711
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1711)
 <223> n is a, c, g, or t

<400> 1658	
ganaccgan anttanacnn ttntctnnan tannnnntttt tttntatntn nnnttntncn	60
nnntnnnnnn gacgncncn nncnannact ncnangacnt nnagtanaga ngagtgcctnc	120
gcacgngnt cttngnnng anncgngggc ctnagactag gcctncctc gntttnggng	180
ncnnntntg gcagntcgca tnacnagtgg gcggccnct cctataatna gtgccgttcc	240
cccttttttn cncnaantgg tattancatn ttttttann ccncannaaa nctctntnta	300
cgncctngg ggacttnatt aancttgntc ntttatcan tngctntccc ncngtctca	360
ncnctatn tncctatcg tctnctctt tttntctnt ntnaactnac ncnacactac	420
caannctnca anatantnc ctcnatnagn ancnncctnn nnnctagnnt cnttntnnat	480
tttntcatt tattcnnta tnattannnc ngagtnttn ggtntcttat catgtntant	540
ttannctnca catangnctn nnttgtnatn ncnantnct ntagncagac cccatntct	600
cnatnctntn ttnatatnac nntctcgac ntttnanacn cnacagtcan nttnannnnc	660
ntgncncgga ctaccanncn caataatana tnanantcac tgctntcnn annncncga	720
anggttgacn nntnctcgt tncnctga nncncncccc cgtcatanct ttnangattg	780
ccnnancagn anccccnag nnnactnann nnngaatan ctnnttattc tctnncaatn	840
ctttctcacc acantntnt ttatnanatn antgaccgac agtnctcga tnttctctng	900
actcctctt ttnacncna ccaacantcc nctgatacc ncnatagtcc ctctnatnct	960
nttatnnnnc actaccntn nncctnctc nannntatct ncnttanncc nngtctatna	1020

taagttcttt cntncnngta ttctctctnc nnttccccac ccntcnanca cacnctanct	1080
ntnntctccc tantnngntn atttagancn nnnngnttat tnntccaagt antgtntntc	1140
ttangtnncn ancttntatn cngtcgtatn ccactgacca ancctctgta ntanactcac	1200
gtatcctntn atcnentaat tatagncttc tngcnctagt ngnatngtnt ttagnatcaa	1260
ctgcnncccc tncngatntt tcctctatta tnntctngta ntntgancn naacaccacn	1320
ncnntcantic ctcanengan gtgagncnc catcgatnan tacactccgt atctcntnt	1380
tntctctnt gtnccccnct nctctntct acnntcgccn tacngtgtnn atctanatcg	1440
ctctcgtatc nnacctctnn tntncnccgt atnnngnnnt cactctnatn ntcnatncac	1500
acgtngntnt actaaanctn annnttaat nctcattag gtcctncnct atnctcacct	1560
nctncttatg gcttgtnctn anaaacgctg nccaacct atattgatct nactctattg	1620
tgttntcttc atatcatnna nttnnacnc taggtagnn tcntatagna cgannatttt	1680
ngcnanaagc nttantnccg gnnntatnnc g	1711

<210> 1659
 <211> 976
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(976)
 <223> n is a, c, g, or t

<400> 1659	
ttnnaaaaan ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcaggga gttctggagc cagtatcgga tcaatgtgac tgaagtgaac ccctggggg	120
ccagcaccgc cctgctggat gtgagcttgc anagcatntt gcgccctgac ccgccccagg	180
gcctgcgggt agagtcagtg cctggntatc ctgcgcgcct gcgtgctagc tggacntacc	240
ntgcntctg gccccgccag ccccanttcn tgntnaagtt ccgtntgcag taccgtccag	300
canagnatcc agcctggtnt acggtgnanc cagntgnatn gaaggaggta atnaccgatn	360
ctgtggntgg cntgcccna tannngcggg tnaccgcccga gaactttntg natgctggca	420
cctgaanntc ntgaagcccc aaggcctggg ggantccaag cactganccc ttaccaaagg	480
aatgccant tggggaccag cccccccnc cagacggagg aanaacctn ggcanacagc	540
ccccgtttcc ccnaagccg tncnttttta cccaaacca nagccanttt gaccanaaaa	600

aaccccctgg aacaagnggc cgcacctggc antttttggn aaattttntt tttcttggn	660
ctgggggctt ggggcccttg gcattngggg ctttgntaa nggttgaaac caaatgaaaa	720
ngggtgggcc ccnaaaaat ttnggntttt tggnccccaa aagattttaa ggggaaaaac	780
ntttcaagga anccccaacc ctntnaaagg acccttgng ggccttttan tttntttcc	840
ncccaaaagg tggggggggg gngggngggg caaaaaanna aaacccccgg ggggnaaaa	900
naaaatnccc cctngggggg gggggttttt aaaaatgna aaantttttt ttggganccc	960
ccnttttttt ttnnaa	976

<210> 1660
 <211> 941
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(941)
 <223> n is a, c, g, or t

<400> 1660	
tnnnncaaan ctggagctcc accgcggttg cggccgctct agaactagt gatcccccg	60
gctgcaggaa ttcggcacga ggcaggacac aggtgtcgtg aaaaccaccg ttaaacctaa	120
gccaaaatgg gaaaggagaa gaccacatc aacatcgttg tcattgggca cgtagattca	180
gggaagtcta ccacgactgg ccatctgatn tacnaatgtg gcgggatcga caanaganca	240
ntngaaaagt nnganatgga nngtgccgag atgggaaagg gctccttcaa atatgcctgg	300
gtcttggaca aacttaaagc tgaacgtgag cgtgggtatca ccattgatat ctccctgtgg	360
aaatttgaga ccagcaagta ctatgttacc atcattgatg cccaggaca cagagacttc	420
atcaaaaaca tgattacagg cacatcccag gctgactgtg ctgtcctgat cgntgctgct	480
gnggttgng aattngaagc cggatatctn angaacgggc agaccctga gcatgccctt	540
ttgncttaca ccctgggtgt gaaacaacta ttngttggcg ttaacaaaat ggattgcact	600
ggcccccttt acccntaaca aatactaata atttgtgnan gaagctaacn cctatgttaa	660
gaaaaanggc ntcagcccct acccaciaac atcgtgccaa tttntggctt gggaangggg	720
acaacnttgc ttnaancaaa ngctaatttt gccttgggtc aagggatggg aaggncaccc	780
gtaagggccg ggaatgccaa ngggaacccc cctggttgaa acttttggaa tggntttttg	840
gcccccaant ttggccaaan tgaaaaaacc ctttcntttg gctttttccg gggnggnca	900
aaaaaaangg gggggttttg ggnccctggc cctngggggg c	941

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<210> 1661
<211> 955
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(955)
<223> n is a, c, g, or t

<400> 1661
aaaagctgga gctccaccgc ggtggcgggc gctctagaac tagtggatcc cccgggctgc      60
aggaattcgg cagcaggaaa aacaaaacgg acccgggggt acatgcgacc ctgaagtcac      120
tcagtagtca gattgaaacc atgcgcagcc ctgatggctc tagaaagcac cctgcccgga      180
cttgtgatga tttaaagctt tgccattctg caaagaagag cggagagtac tggattgacc      240
ctaaccaggg atctgctgaa gatgcaatca aagtttactg caacatggaa acaggagaaa      300
catgtatttc agcaaatcca tccagtgtac cacgtaaaac ctggtggggc agcaaatctc      360
ctgataataa gcctgtttgg tatggctctt atatgaatcg aggatctcag tttgtttatg      420
gagaccacca gtcaccta atgcagccatta ctcagatgac cttcttgccg cttttatcga      480
aagaagcctc ccagaacatc acctacatct gtaaaaacag tgtaggatac atggatgatac      540
aagctaagaa cttgaagaaa gctgggggtc tcaaagggtc aaatgactta aaaatcaaag      600
cagangggaa ccgttagatt canatacata gttcttcatg aattcttgct ctaaacgaaa      660
tggnaacgng ggcaanacn tctttgaatn tanaacgcaa atngggcacg cttgnccatc      720
atanatcttg gccctgggg atgttngcag taccananc aanaantttg gcgttgaaat      780
tngggcccan tttgntttgg gttaaagcca agnccgnnat cccttgnca ntggggcccc      840
cccccttac ccttagnggn cccccccct tcccccaana antttttact ggtttgaaac      900
ctgaaccctg gnaacnttt gaaanaangg ggtgganttt ggctccanc cntn          955

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<210> 1662
<211> 924
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(924)
<223> n is a, c, g, or t

<400> 1662
ttgancncnn ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atccccggg      60

```

ctgcaggaat tcggcacgag gnnccnnncn acnnttnntc natgggggggn ncctnggtca	120
acgcnnnggtt cattntannc nngcatganc ntannancac ccggcnttgg tgaccgcnnn	180
ccccnctnac acgttgaana tcattantat ttctatctca cacangnctc attcgaagct	240
agccctcgcc gagtntgtat tnntcnantc anntnttnat tatannnnnn cttttttnta	300
ntncnaacgn canncnactc ngnttnantt tttanncagn gnactatacc tttnnnnacc	360
acnaaagggt nataagactc aaccnnanng gngtacctgg ngacnatntc nnnnttnnc	420
agcatngaatt ttatactata atgtttcagt caatataatt ccacttaata attagngaaa	480
atttcatatt atcctaagta ttacagnatt agtccatttt tttcttctcc taaatgagga	540
gtggtttatt tcctcngcgg nttatatcat taactttctt taattcttt ntgngctgng	600
ngnaatatng ataanattac ngaccccta taaaataaat gnaaattaaa aaaaaaaac	660
ccccncccc cgggggggnc gggaannnnn ggtncncnt taanntggng nnnnttnnaa	720
nccccngntt nggttnnncc cccnnttngg naannnnccc ccttttngc nnnntngntn	780
nttnncnnnn ggnnccgnaa aaannnnccc nggggggngg gncncaant ngnnnnggnc	840
ccnnttttnn gncccnntt ttttnaaaaa nannnnccnn ngntnnannn ntttggggcc	900
cccnntttt ggcccnnggg gcct	924

<210> 1663
 <211> 1085
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1085)
 <223> n is a, c, g, or t

<400> 1663	
gcctatanng agntgnatnn cagnggcggc cgntctagaa ctagtggatc ccccgggctg	60
naggaattcg atatcangct tatcgatacc gacgacctcg agggggggcc cggaacnnan	120
ttnnccctat ngtgagtcnn attncaagaa taaacggatc ttgaataaaa aaaaaaaaaa	180
aaaaccnggg ggggganccg nccccnatt tcccctnna ggngntttan taaaaaggac	240
tgtnactgtg nnttcagtga acgnnngctn anantcanc nctnacnct cctgtaccac	300
angngntatt naactngggg ntnttattaa gactttntg annacactnn tnntntttn	360
tttgnaantc tntccntgc agtgntgtca aatatnnncn gnnnaatttc tctaaannnn	420
anacnctnc tnntttataa cctanttnnc nccanngncn annttttnan ccnannngnn	480

nnaatgtaan ttacnannct tngataaacc cgtnatnnan tanacnntna ccaaancnctgn	540
natngangtg nctaaaaaan atnatnnenn nnaaangttt agttatttaa nttnantnng	600
ncncnnattt tttnttnna tnnatntna ccccnnggt cgnnantntn tntttnttt	660
ttntanaat tncaatttcc tantnnnaa nntnnnnnn nacnatntcc ctnananntn	720
caantganct tntgaaaant ntaannnnn atncantnct cnannancta nannnannta	780
nggaaattna tntngnntgc ntttttatta nttttnntt nttntnattt ttcnaccnaa	840
atctnatatt nntttntta annntctann ntttttcatn ttttactcaa ncntatnant	900
cnnacgnaat ncnnctnngn tncantanc ctnntntnn ctantattnt ctncaanann	960
cngcaatcan catctgnana tcttancng ctgtngtcat ctacatacnn tnnatntnta	1020
nntgncttna nancgtantn caantcanc tttcnnttan tntnnntnn tatctcatnt	1080
tnact	1085

<210> 1664
 <211> 991
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(991)
 <223> n is a, c, g, or t

<400> 1664	
nnnnactgga gctccancgc nggtggcgcc gctctagaac tagtggatcc cccgggcttg	60
agggcccngg ctggatcagc tgctggggac actctgaccc ctcaatgagg gccttctctgc	120
tctccctggc tgccctgcgt gacaaccaca cccactccga catccagggtg aaactctttg	180
tggtccctgc ggacnatgcc caggcccgaa tcnnttatgc ccgcgtnaac cataacaagt	240
acatggtgac tgaacgggcc acctacatcg gaacctncaa ntggtnntggc anctacttca	300
ccgagacggc nggcacctct ctgctggtga caaaaacgg gcggggtggc ctgnggagcc	360
agctggangc cgtgttctct agggactggg actccntta tagccatgac cttgacgctg	420
ccgngacag cgtgggcaac gcctgtcgnc tgctctgagg cccggtccga tggccaggcc	480
aggcctgcaa ggccctggtg ttccgggtct ccatccctg tccctgtgcc cccgntttt	540
gtctgacccg ttgtgactnc aacaggctcc cncttagcaa ccacccccac cccagccttt	600
catttctacc tccaccccn nttggntgta tgcttgtggg cccaagaag acccancgga	660

gctgnggggaa gggctcaatn cccaaaaana aaagtggggg gtgcatgctt ngccttacct	720
tcctggggcca accccanttt ccagggcaaaa gnaaggcccc aggtataaaa taaaaaagtc	780
aaattacttt ggntttnaaa aaaaaaaaaa aaaaaaantn gggggggggg cccccnncc	840
caattttccc ttaaanangg nnnnnnnnna aannnnnnnn nnnnnnnnnn nnnnnnnnt	900
nntnnnnann ntnnnnnnnn nnnnnnnann nnnnnnnnnn annnnnntnn nnnnnnnnt	960
nnnnnnnann nnnnnntnnn nnnnnnnnnn c	991

<210> 1665
 <211> 997
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(997)
 <223> n is a, c, g, or t

<400> 1665	
gccctatctg gagctnnanc ncngtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgaggc tggnatcacg gaggccctcc tacttctctg ggaactgccg	120
gacgaattaa agtggggnac tggaagtgct ntaaggga aaagancnc gcgtcttcaa	180
attcatttga aganctnaat aacnctttcc atgaagctgg ttgngggggg ngnggcanan	240
tcctactgna ttcccgtana nngggctgnt atgggngcgg ccacttatt anaacanana	300
ggccgctgnc cgaggntnac ttccacncnc cttttcctgg cttgaggcnc ccaaactnct	360
caaactana cnggctgctt ctnanaattt canggaggcg ggagaagtat aacccccctg	420
gggaagaggg ggccacatga tgtggttcan ctggaagaca cgcacaccac atgctctctg	480
ggatnctctg tacagaacgg acnacacttg nntcnacgcc nanngtcaca tntcgactgn	540
gcaactctta nnatnnaagg acccctcggg ccngtggct gttnatatgc nctattttgg	600
aaaaaaaaa caaatttgta ggaaataccn ntttttttn acattntna ancaacaaa	660
cctgagaccc cgggtcaggg ttttttcatt tnaaaaatgt gntctgcttn ttatnggggc	720
caaaaagttg aaacagcntt ncccctgttt ttccccatc annaagggnn acaacancca	780
ngttcgnctt tcnttttttt ttttttcccc ccaccactt ggcnaccccc caagcngtng	840
ttgttntaaa ntgttnnccc cccccccccc cccccccccc ccccccccn ttttnaangg	900
tanctctcct ncttccacgc attnnnttnn nnggangcgg nttgnntctt tntccgcann	960
catttttcnn ncnnacact ncatnatan nctnccg	997

<210> 1666
 <211> 1026
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1026)
 <223> n is a, c, g, or t

<400> 1666
 tgagncctn anngnntcgt attacagtgg cggccgctct agaactagtg gatcccccgg 60
 gctgcaggnc nagtnntngt tttntttttt tncagngaa ggnntttttt tgggcccnggg 120
 cntnctnntc cnaaaaanna atnggntnca tngctncccn aancggnggt cnnccaaaaa 180
 ngcgatgtg cttngnaagg gnaaacttnt nntanaaaaa ccccnngng gtnggnaggg 240
 nngacccaaa ggnnanaaac aaactngtan ggccnngncn tcgggngngt ncccggtttc 300
 angnttngng aanntggat naaacctncn gnccttcna nttntgccn tntgaacncn 360
 nggggatttg nggagagann cccacngac ngttntttt nnagnanngn caancacngn 420
 ggcacanntn tacnatgtng aaannccaan acttctnata cnnnccctt ttntccctga 480
 angggagaat aagggcnttt ctttgtgga naaanaccct nataaagcnc cctgggacnc 540
 aatgttntgg nccctggnc cncngcaca aaaanttna nnggnntanc nnntcctnt 600
 ncccanantc ntanaggga tttcnttaa aatntctggn nctnaantnn ttcncaaagt 660
 tnttttaaan atgncagncn nacngttaan ncctcgcct tntntcnca ngaacnnttt 720
 ggncnnnnc ncngngtat aaanttcgtg nannncngng nancaagttt ttttnaacac 780
 nncnnnnatt atatatnggn gngggcnnan tccttttcnc ngnnancttn tnnagnngt 840
 ttnactcact nntaacnnn ngtcnngtn gtcctcttta tgncanannc aaaatctcn 900
 acncttcgct tgaattcnac cnaaacctt ttnccncaa attncctaatt nctcntggtt 960
 ntntcactan aataacatnn nanaaaann nctncngntt ttatcancnc catcncntga 1020
 aggccg 1026

<210> 1667
 <211> 968
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(968)
 <223> n is a, c, g, or t

<400> 1667
 ttttagccta tnnggagnng natnncagtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcaggt ccgagttttt tttttttttt ttttnanngg gnngnctttt tttggggggg 120
 ggntggnnngc cccnnaaaan natgggnnnc annggaancc canccggggn cccccnaaa 180
 anggggntnn ncntnnccng ggaanntnnt tttttaaaaa anccccnnng ggtnggacng 240
 gaaanccca ggntnaaaanc naaacnggaa anccntgggc nnnngnngnt tncngggggc 300
 ccggntgggg nattggngng naaancntnn gnngggcccg ggtnncccat ttnancccca 360
 ggnnntttng nangaanaaa attngncccc tncnttngan gggggncnan tntgggcngg 420
 cncnccag ggntgggggn cnnnncccg aaanaaannc ngggngggcc nggggggnag 480
 ngccttttng gttnaaaaaa cctntctnnn nnnccngga aaaaangntn nggcccngg 540
 cnnnaccn ancntngggg ggggncccc tcnggnccc ggggaaaang gttttcccaa 600
 anncnnttcc ccnttngtng nncanttttg gggaaggtnc canaatnggg gcccttnttt 660
 ttcnccaaan anggnngntt ccncggggg tatttttntn gtggggnggc cccccctctt 720
 ttaaggggcc ctatnttana gacngggggg gccccannc cccccngng gntttttttg 780
 nggnngaann ncccccttg gncccccng nngggnggnc cctttttggg ganccacccc 840
 cccccnngc cttntntnc ccccccaaa attttttttn accnnaacc cccnntttg 900
 gttggnggg ggaaaaaaa aattttntng ggngggggcn tngttttttt aacccccccc 960
 gggggggg 968

<210> 1668
 <211> 997
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(997)
 <223> n is a, c, g, or t

<400> 1668
 ttnanaaaat ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggga gttctggagc cagtatcgga tcaatgtgac tgaagtgaac cccctggggg 120
 ccagcaccgg cctgctggat gtgagcttgc anagcatntt gcgccctgac ccgccccagg 180
 gcctgcgggt anagtcagtg cctggctatc ctgcgcgcct gcgtgctanc tggacntacc 240
 ntgcntcctg gccccgccag ccccanttcn tgntcaagtt ccgtttgnag nnccgtccag 300
 cacagnntcc agcntgntnt acggtggacc cagntggatt gaaggaggtg atnaccgatg 360
 ntgnggttgg cntgcccna tggangcggg tcaccgcccg gaactttttg gatgntggaa 420
 cctgaagntc ntgaancccc aaggcntggg gaantccaag cantgacccc ttacnnaagg 480
 aaatnccant tggggaccan caccncacn cagacggagg aaaaactttt gggcanacag 540
 cccccgntcc ccnaaagccg ttenttttta cccanacca aagccanttt gaccanaaaa 600
 aacccccttg gaacaagggg cccgcccctn gctatttttt ggaaatnttt tttttttntg 660
 gaaactgggg gctggggncc cctggcnttt ggggcntttt ggtttaaggg gttgaaaccc 720
 aatntgaaaa ggggnnggnc cccnaaaaa ttttgggnnt ttttgggncc caaatntttt 780
 tnagggggna naactntttc ncaggaannc cccaaaccct ttnaaaaana ccnttggggg 840
 gcccttttta tnnntttttt cccccccaaa nnnngngggg gggggggggg gggggaaaaa 900
 naaaaanccc cgggggggga aaaaanaann ncccctnggg gggggggggt tttaaaaagg 960
 gnaaaaatth tttttggaan nccctttttt ttttnaa 997

<210> 1669
<211> 978
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(978)
<223> n is a, c, g, or t

<400> 1669
aacaaanctg gagctccccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggaattcg gcacgaggca cggcttttcc cccctctgac atcgtctggg gtcctgattc 120
tgtcctcgtc tctttgaaag ccctctgatg aaacaacggc cccatccctc ccctacaagg 180
gtttccattt cccccaagtc gtctatgcat ttctctcacc gttttctgcc tcattcctag 240
agaaaacggg catctcatgt tccaccctct gagaccccc ctttcagaaa atgctgtgca 300
ttttggagac gtgaggattt cgtccaaagt tctgaaagca tttgcggaga gtcgttaga 360
aaataaaaaat gggaaaaagc aaaacgaaaa ggcggtgtcc ccccacgtcc ctttccactg 420
agtaagacct agctctttgc gattgtgcaa taaactactt gccgtgagag cagggtggcca 480
cgctcctgcc cagactacta actgacacag cacangacgg cgggctgcac gggggcctct 540
cccaaacgcc tnccatgagc tcagcttccc ccaccaccac caccaagcac cgtgtcttgg 600
cggngtcttt acattttaac aagtatttta tattttctgn aaccgcacta agtcttaagg 660
ggtttttaaaa gcttcggttg gttcactc acaatcaaaa cttttttttt ttttttaaac 720
ccccccnang gncccantt ggcccaaaaa aaaaaaagcc tttttttttt tgnccaaaaa 780
nacttttaaa aaaaaaccct ttttgngggg gggggtgggn ncccctttcc cgggnaanaa 840
attggggnnn ntnggcattt tggggcccc ggccccgggg aaaaanaaaa aaaccttttc 900
ccccccctgg gnnnngggg ggggggggaa aanccccgg ggnccccttt tttggnntt 960
gggtnaancc caaaanan 978

<210> 1670
 <211> 976
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(976)
 <223> n is a, c, g, or t

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<400> 1670
naaaagctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggcaagtg cggggggccgc cacggcagcc tccccagggg cagcccttgc agggcggcat      120
gctggcctcc ttacgccaga gcggtccga cctggcctac aagctgtgcc acaatgagtg      180
ggtagtgttg cagagctcca cgcacctggt ggacgtggct ggctgcgctg tggacgtgca      240
gctgctcgag gactcccacc aggtgagcaa agacggctgc agctgcagct gctactttca      300
gcagcgggtac cacctgccgt gccggcacat cctggcgctg ctgcacacca gccagaggcc      360
tgtgagcgaa gccatggtgt gccgccggtg gcagaagagg taccagcacc tcctcggggc      420
ctgcggggag ctccgggacc ccattctgat cccagcagat gcaggccagc caggggaacc      480
gggacggaac gacatgattc aggacctaa gaggagctt gcaaactctg tgatgcagag      540
tgagggacca gagctggagg agcgtgctc cacgctgcgc aagattgtgg acattntggg      600
cggncccccg ccagccttct gagcccagtc accaanccga nggaatttca nggatgtggg      660
cttgtnctncc ttttctntg gggaaagcan gaaggaagg ganggactgg cttcttgctg      720
gcaccaccca tttcatggtt gaaaccctt tgcccttggc attgcttagg ncggcaagcc      780
ccnttttccn ttacagnccn aanaaacttn aaaggggggc cangaaattt gcctcggggg      840
tcagggtttt aaancaaagg tntttttttn ggggnngggt taaggaaaaa gggttnccaa      900
aaaaaaaaaa aaancccctt ttggggggga aaanccntt tnaaaatngg nccccnttt      960
ttggncccgg ggtttt                                     976
  
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<210> 1671
<211> 924
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(924)
<223> n is a, c, g, or t

<400> 1671
aaagctggag ctccaccgcg gtggcgccg ctctagaact agtggatccc ccgggctgca 60
gggaaaaaaaa gagaaaaaat ttaaaataaa aaaaaagaaa gaaacctcca acgtatttta 120
tcactaccta taggaagaaa tcctgctttg agagtatttg taatgcggtt ttgttgctgt 180
ttgttgctgc ttatttcact aagaaaaacc caacaactga gactgcctag cccgccggtc 240
ctgtgcgctt ttattgtgct tctaacccca gtagagtaga actaaattgc actgaatgta 300
tagttaactg tcttgaatcc tctgtttatg caatgtgctc gaaagaaaaa caacgttaaa 360
aatatatcta taataataat ttttggtcat tcgtctttat gtccagctat gaatgtagat 420
tttgtgtccc ggcagcagct ctgtttctgg tcgaagtact ttgtattgta taccgtgagt 480
cataataaaa aaaaaaaaaa aaanctnggg ggggggcccng gnceccantn cccentatng 540
ggagcggttt anannnnnnn nnnnnnnnnn nnnnnnnnccn cccccccccc cennnnnccn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnn 924

<210> 1672
<211> 983
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(983)
<223> n is a, c, g, or t

<400> 1672
aaanctggac tccaccgcg gtggcgccg tctagaacta gtggatcccc cgggctgcag 60

```

gcgtgggtag agcgcoetgaa ggcoetcaggg acgcttcgag agtataaggt ggtggggcgcc 120
tgcoetgccga cccccaatg ccacacgcca cccctctatc gcatgagaat ttttgcgcoet 180
aatcatgttg ttgccaagtc ccgcttcttg tactttgtgt ctcatgtgaa gaagatgaag 240
aaatcctcgg gggaaattgt ctactgtgga caggtgttcg agaaatcccc cctgcgagtg 300
aagaacttcg gcatctggct gcgctatgac tcccgcagcg gcacccacaa catgtaccgg 360
gagtaccggg atctgaccac tgccggcgcc gtcaccagtg gctaccgaga catggggcgcc 420
cggcaccgag cccggggcca ctcaatccag atcatgaagg tggaggagat cgcagccagc 480
aagtgcgccc gaccgcgggt caagcagttc cagcactcca agatcaagtt cccactgccc 540
caccgggtcc tccgtcgcca gcacaagcca cgcttcacca ccaagaggcc caacaccttc 600
ttttangttc aggccctctg tccccagggc tgcacaaata aaacttagtg ggaaaactgn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nncctgggg gggggggccg gcccaatttc 720
cccttttann nggggnnnnn nttnanannn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn nnc 983

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<210> 1673
<211> 1063
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(1063)
<223> n is a, c, g, or t

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```

<400> 1673
gcctatanng agnngnatna cagtggcgcc cgctctagaa ctagtggatc ccccgggctg 60
caggctgcga angccagga gttcaaagaa tgcgtggagt gcttcgaacg ctctctgaag 120
attaatccca tgcagctcgg agtgtggttt tctctgggct gtgcctatct ggccttgaa 180
nactacggag gttcagcgag ggcatttcag cgggtgtgtga ctctggaacc cgacaatgct 240
gaagcttgga acaatttatc aacttcttat atccgcttaa aacaaaaagt aaaagctttt 300
aaaacattac aagaagccct caagtgaac tatgaacatt ggcagatctg ggaaaactac 360
attctcacta acactgatgg tggagaattt tntgangcca ttaaagntta tcatcggctc 420

```

gttgtnctta cganacnact acgatgntcc ngtnnttnnn aancttgntn gggncngncg	480
antgatngnn atggaccngn ccgatntggc tnagnangaa cccgncctcn ncaaagaaag	540
ntnccaggag ntnntttngn nnagtgtctt tcncttaact ggnnnnnngn nggggaaant	600
cacggngggg cngttngnct gcttcanatt ngaaanggcc ccngggntna ntnaccctcc	660
ntganataaa aaaggggnac nccccttnca ntntcttant gnnanncatn ggngngcccn	720
accccccatn tttnggggga aaaaaaaaaat aactnttttt ttnatntaag ggnnnnanan	780
ancntancc cnttcgcacc nntgggcttt ttaatttnaa anaaaaanaa aaatcccntc	840
ccngggggcc ttttaaanat atncgngttt ccagnnnccc anncnanttt tngggngctc	900
tnntttttta taacanaaaa aacnnttttn tncantantt gccaaantggg agaaaaatan	960
nncgncgagt attnttatgn tcnaaaaaaa accntnattt tnnccccctc ttttnntnc	1020
nnnnntntnn aatanttctt cntncnctnt tctcancann cct	1063

<210> 1674
 <211> 956
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(956)
 <223> n is a, c, g, or t

<400> 1674	
ncannanctg gagctncacc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggtagta aaccaagcc cttgacctct tacagggagc tttggtctgg cccttcttaa	120
taacntccg ggcccnancn tgggnattna actttanact tnanggnccn ggttannant	180
ggnccnacca ccaannttnn naccatnnnn cnanggagnn caaaaggtnn tcnaaaaann	240
nccnttcnag ggnnccntnc cccanctggc cnaaaagggc ntcggtatgg nanaantctt	300
tttantannt ncaagnacn antctttanc gganttttct nnannttttt acnantnagg	360
cntggcccca accctngacn ataggnggtg gnnnaccca acanggcttc tcaccacata	420
taacccccta tanaagtcca catgngcaca cacactctgt gtctatatgn gncttcggng	480
agttctatan aactgagnc cnnatatata ntatnatana ggganacgcg agcgatatata	540
ncacncgcn tntntancnn natcannttg agagtannnt ncactntnnn acnnnnctga	600
aaacnntnnn anacnnttn ctatatccna cggagganta cangncatca tntttttgta	660

nacacagggg	ttcacggcgn	tctcgacgnt	catntggggg	caccnntctt	taataagtgn	720
gctgcttccc	gccgacaaaa	aaaaatattt	tacttcttaa	ccaccacttc	tgctnttaag	780
acgcnggccn	gatgntgncg	ttnttntaga	cgangtaggg	acgatttcct	ccatgatgct	840
atctattgan	gangngggct	tnaanaannn	naaaannnnn	nnnnnnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnttnng	ggggggggng	ccccc	956

<210> 1675
 <211> 1026
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1026)
 <223> n is a, c, g, or t

<400> 1675	
tgagncntn	anngnntcgt
attacagtgg	cggccgctct
agaactagt	gatcccccg
	60
gctgcaggnc	nagtnntngt
ttnttttttn	tnccagnгаа
ggnttttttt	tgggccnggg
	120
cntnctntc	cnaaaaaanna
atnggntnca	tnngctnccn
aancggngt	cnnccaaaaa
	180
ngcgngatgn	cttngnaagg
gnnaacttnt	ntanaaaaa
ccccnnngng	gtnggnaggg
	240
nngacccaaa	ggnnanaaac
aaactngtan	ggccnngncn
tcgggngngt	ncccggtttc
	300
angnttngng	aanntggngt
naaacctncn	gnccttcna
ntntgcccnn	tntgaacncn
	360
nggggatttg	nggagagann
cccacngac	ngttnttttn
nnagnanngn	caancacngn
	420
gcgacanntn	tacnatgtng
aaannccaan	acttctnata
cnnnccctt	ttntccctga
	480
angggagaat	aagggcnttt
ctttgtggna	naaanaccct
nataaagcnc	cctgggacnc
	540
aatgttntgg	nccctggnc
cnnngcaca	aaaanttnna
nnngnntanc	nnntcctntt
	600
ncccanantc	ntanagggaa
tttcnttaaa	aatntctggn
nctnaantnn	ttcncaaagt
	660
tnttttaaan	atgncagncn
nacngttaan	ncnctcgctt
tntntcnca	ngaacnnttt
	720
ggncnnnnnc	ncnngngtat
aaanttcgtg	nannncngng
nancaagttt	ttttnaacac
	780
nncnnnnatt	atatatnggn
gngggcnnan	tcnttttcnc
ngnnancttn	tnnagnnngt
	840
ttnactcact	nntaaccnnn
ngtcnngntn	gtcctcttta
tgncanannc	aaaatctccn
	900
acncttcgct	tgaattcnac
cnnaaacctt	ttncctncaa
attnccta	nctcntgggt
	960
ntntcactan	aataacatnn
nnanaaannn	nctncngntt
ttatcancnc	catcncntga
	1020
aggccg	
	1026

<210> 1676
 <211> 1026
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1026)
 <223> n is a, c, g, or t

<400> 1676
 tgagncntn anngnntcgt attacagtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggnc nagtnntngt tttntttttt tncagngaa ggnntttttt tgggcnngg 120
 cntnctnntc cnaaaaanna atnggntnca tngctnccn aancggnggt cncccaaaaa 180
 ngcgatgtg ctngnaagg gnaacttnt nntanaaaaa ccccnngng gtnggnaggg 240
 nngacccaaa ggnnanaaac aaactngtan ggcnngncn tcgggngngt ncccggttct 300
 angnttngng aanntggat naaacctnct gnccttcna ntntgccnn tntgaacnct 360
 nggggatttg nggagagann cccacngac ngttntttt nnagnanngn caancacngn 420
 ggcacantn tacnatgtng aaannccaan acttctnata cnnnccctt tntccctga 480
 angggagaat aagggcnttt ctttgtgga naaanaccct nataaagcnc cctgggacnc 540
 aatgttntgg nccctggnc cncngcaca aaaanttna nnggnntanc nntcctnt 600
 ncccanantc ntanaggga tttcnttaaa aatntctggn nctnaantnn ttcncaaagt 660
 tnttttaaan atgncagncn nacngttaan ncctcgcct tntntcnca ngaacnttt 720
 ggnccnnnc ncnngngtat aaanttcgtg nannncngng nancaagttt ttttnaacac 780
 nncnnnnatt atatatnggn gngggcnnan tcctttcnc ngnnancttn tnnagnngt 840
 ttnactcact nntaacnnn ngtcnngntn gtctcttta tgncanannc aaaatctcn 900
 acncttcgct tgaattcnac cnaaacctt ttnctncaa attncctaata nctntgggt 960
 ntntcactan aataacatnn nnanaaann nctcncgntt ttatcancnc catcncntga 1020
 aggccg 1026

<210> 1677
 <211> 966
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(966)
 <223> n is a, c, g, or t

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<400> 1677
ttnnanaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg      60
ggctgcagga attcggcacg aggctctctt tagttctttg tacggaggtg aaaaaataa      120
aaagatcctt caaaaatggc aatggatatc gaattcctca agcaggcctg gtttattgaa      180
aatgaanagc aggantncnt taaaacggtg aanggatcca angngngtcc tgggtcagca      240
gngancccnt atcctacgtt cantccttcc tcggatgttg aggccttgcn caaagcantc      300
acagttaaag gngnggatna ancaccntc nttgaanttn tgactaaan aaccantgca      360
cagngtcagc aaatcaaanc ggcctatctg cagganaaag gaangcccct gnntnaagtn      420
ntgaanaagg cntctntcgg ncaccttgag gangtngttt tgnntntatg gaaanctcca      480
ncccanttng atgccnaaaa gctccgcgct gcnntgaagg gccttggaac tgatnaaaac      540
cctntgaatg aaatTTTTgn cttcgagaac ttcccagaga gatcagagaa tttancagag      600
tctntagaaa aaaactgaag aaagatntgg ctaaaanaca tcgccttaaa cccatttgga      660
naatttgaaa aggnTTTTgt ttgctntttc ttanggggga cccgaccca gggactttgn      720
tgaaaaanaa caanttgggt tttttnaaan ncccgggccn tttttttaac cccgggaaaa      780
aaaaaaaaag gggcccaann gggaaanngg ttncattac ctttttttaa cccccngggg      840
gnttttncnc ntttttcggg naangggttt taaaaaaant tttcccnnt tttcccncc      900
ctttnnnttt aananaantt ttttgnccc ccgggggttn aaaagggggc cccctnnaaa      960
aanncn

```

<210> 1678
<211> 954
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(954)
<223> n is a, c, g, or t

<400> 1678
tnnaacaaaa gctggagctc cccgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggaa ttcgntatga agcttattcna taccgtccac ctctangggg ggcccggtag 120
ccantgnncc ctatantgan ncacattaca gcccgaggga atggtagatg gcangtggtc 180
ttgttttttaa ccaatatgag ggatgtcctg aatttggtag aacaactgtg agacaacttc 240
agcaagcttt gtaaacaggt tttatattca gtttgggggt aatgaagcat ttcagtttcg 300
tgagtagagg gcctactttt ctttcctcac cctgtatttt aaaagtcttc taaatatgta 360
gtttcgggtg ataattctgg gcggggggag ttttttggg gggggagcaa aatatgtttt 420
gagttctttt ccctttaggt ctgtctagaa ttccaaaggc aaatgactcg aggtaacagg 480
cgaaaagaaa atccaatatc aggataatca gaacactgca ggtttacagt tatagaaact 540
ctagcacaag cagctttcac tttgangtct gtggcgcaac ttgtccattg gaagtaatgg 600
ctggtaagtt tattcttttt ttccccaccc ctttattaaa atatttttat aaaggaccgt 660
aactgggtat ttttacttaa atanttttgg gggggngng aacanggaaa aanggggggg 720
ggaaaaactt tttttttttt aaaaattttc cccanaatt cttttnnnnc tattgncaa 780
ttttgagtta aaaaaagga atggncttgt tacctggtn gcaccaacan cttttanggg 840
atnggaccan tttttttcnt tgggaaaaaa tntttccan nngaaacctg naaagggccn 900
cnccccaggg cnncttttgg gtnatttttc nnncttttn agggaaaaac ttnn 954

<210> 1679
<211> 954
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(954)
<223> n is a, c, g, or t

<400> 1679
tnnaacaaaa gctggagctc cccgcggtgg cggccgctct agaactagtg gatcccccg 60

gctgcaggaa ttcgntatga agcttatacna taccgtccac ctctangggg ggcccgggtac	120
ccantgnncc ctatantgan ncacattaca gcccgaggga atggtagatg gcangtggtc	180
ttgttttttaa ccaatatgag ggatgtcctg aatttggtag aacaactgtg agacaacttc	240
agcaagcttt gtaaacaggt tttatattca gtttgggggt aatgaagcat ttcagtttcg	300
tgagtagagg gcctactttt ctttcctcac cctgtatttt aaaagtcttc taaatatgta	360
gtttcgggtg ataattctgg gcggggggag tttttttggg gggggagcaa aatatgtttt	420
gagttctttt cccttttaggt ctgtctagaa ttccaaaggc aatgactcg aggtaacagg	480
cgaaaagaaa atccaatatc aggataatca gaacactgca ggtttacagt tatagaaact	540
ctagcacaag cagctttcac tttgangtct gtggcgcaac ttgtccattg gaagtaatgg	600
ctggtaagtt tattcttttt tccccaccc ctttattaaa atatttttat aaaggaccgt	660
aactgggtat ttttacttaa atanttttgg gggggngng aacanggaaa aanggggggg	720
ggaaaaactt tttttttttt aaaaattttc cccanaatt ctttnnnnc tattggncaa	780
ttttgagtta aaaaaaagga atggncttgt tacctggtn gcaccaacan ctttanggg	840
atnggaccan tttttttcnt tgggaaaaaa tntttccan nngaaacctg naaagggccn	900
cnccccaggg cnccttttgg gtnatttttc nnncttttn agggaaaaac tttn	954

<210> 1680
 <211> 964
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(964)
 <223> n is a, c, g, or t

<400> 1680	
ttnnnnaaaa gctggagctc caccgcggtg gcggcgctc tagaactagt ggatcccccg	60
ggctgcagga attnganntg angcttatcg atacntcca cctcnanggg gngcccggtn	120
cccaatncnn cctatannga nncnnattac agcccgagg aatggtagca tggcangtgt	180
tcttggtttt aaccaatatg agggatgcc tgaatttggg agaacaactg tgagacaact	240
tcagcaagct ttgtaaacag gttttatatt cagtttgggg gtaatgaagc atttcagttt	300
cgtgagtaga gggcctactt ttctttctc accctgtatt ttaaaagtct tctaaatatg	360
taagtttcgg tgtataattc tgggcggggg gagttttttt ggggggggag caaaatatgt	420
tttgagttct tttcccttta ggtctgncta gaatnccaaa ggcaaatgac tcgaggtaac	480

aggcgaaaag aaaatccaat ntcaggataa tcanaacact gcaggtttac agttatagaa	540
actctagcac aagcagcttt cactttgagg tctgtggcgc anctgtccat tggagnaatg	600
gctggnagtt tatntttttt ttccccaccc ctttattaaa ttttttttat aaaggacgta	660
accgggttaa tttcaactta aatatttngg gggggggggn aacagggaaa aagggtgggg	720
gaaaaaactt tttttttttt aaaaatttcc cccagaattt tttaggncctt tttggccaat	780
cncgatttaa aaaaaggaat ggaaatggct aacctggtng ggaaccaacc ncctttaggg	840
antggaaaac cttttttttt nttgggaaaa ggttttccca aaaggagntc naaaggaaca	900
aacccccngc cgggnttggg gnncccttta aacccttccc caagnaaaac cctcnnaaat	960
tggt	964

<210> 1681
 <211> 941
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(941)
 <223> n is a, c, g, or t

<400> 1681	
ttganaaaanc tggagctcca ccgcggtggc ggccgctcta gaactagtgg atcccccggg	60
ctgcaggaat tcggcacgag gcttatntna ancgttngan ngnaggtggc ncccnntaaa	120
atntncttca natattgnan cntnttnngn atncctcatn natgcntggg tgattgaana	180
ngngnnatac taattaatnt ggacnggnag ggnntncana ngagntnctn tatcatcage	240
aagccnataa nntangatca atntatnttc ntatgtngcn gcnttgctca tggatttcan	300
aatnaaannc nngcacnatg cnancgtggg ttgnanncnt gactaatgaa anacagatgc	360
acancgncac gntatgaata ctgcttntcn ggaggataac ggaangnacg ntggataata	420
angattaaga aggcnnntcn agatgatntt gnggantttg ntttggtct ntngaanact	480
gctccccagn tagatnnccn atngntacgt gntgacttga ntggccttca gactgacng	540
gacnctgtga nngatnntnt nccatatgna actntcagaa ctancangan aaattatccn	600
gggtctctct anaatnactg antacaggan ctngatnnaa gacntttgct canncncatt	660
ttggtttatt atgntaaagg attttgcttg ctctttctta tgnntgaccg natatgangg	720
acttcantgt ataatggaaa aacttgnttg attttgaccc cagggcctta tattnaagcc	780

ngnggggaatc aaaaaantnn nggttcnaaa ttttaaattgg ggttcncctt acaanttttt 840
 tccncttggg acttttttnc ctttcccg aaagngttt tnnngnaaan natttcccn 900
 nntttngnnn ggctttncct tttnaacnan nnnnctggg n 941

<210> 1682
 <211> 1016
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1016)
 <223> n is a, c, g, or t

<400> 1682
 tnnancnna tctggagctc caccgcggtg gcggcgctc tagaactagt ggatcccccg 60
 ggctgcaggc cttggtgtcc gagcactctc tccctctctc tagggcgggc acctccggcg 120
 gccggaaagt caccatgtcc atcctgaagg tccacgccag agagatcttt gactctcgtg 180
 ggaatcccac cgttgaggtt gatctcttca ccgcgaaagg tctcttcaga gctgctgtgc 240
 ccagtggcgc ttcaactgga atctatgagg ccctggagct ccgggacaat gataagacgc 300
 gctacatggg gaaaggtgtc tcaaaggctg ttgagcacat caataaaact attgcgcctg 360
 ccctggtttag caagaagctg aacgtcgtgg agcaggagaa gatcgacaag ctgatgatag 420
 agatggatgg cacagaaaat aagtccaagt ttggtgcgaa cgccatcctg ggcgtgtccc 480
 tggctgtctg caaggctggt gctgtggaga aggggggtgcc cctctaccgc cacatcgccg 540
 acttggtggt caatgctgag gtcacctctg cagttccggc tttcaatgtc atcaacgggtg 600
 gctctcatgc tggcaacaag ctggccatgc aggagtttat gatccttctt gttggggccc 660
 gaaaacttcc gggaggccat gcgcatcgga nccagaaggt ttaccacaac ctgaagaatg 720
 tcatcaaagg aaaaaatatg gggaaggatg ccaccaaccg tgggagatga agggcggtt 780
 ttgcccccaa cattcctgga ngaacaaana ancccttggg gctgcttgaa naatgccnnt 840
 cggcaanggc tggctaccan cngacaaagg ctttcattcg ggcattggac gtaacttgcc 900
 ctntgagttt tanaggtccg ggcaagtntt gaacctggac tttaaagtcc cccgatgacc 960
 ccacnnggtt cattcacaac ccgnagaagc tgggccacc ctgtncatt ccttnn 1016

<210> 1683
 <211> 1023
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1023)
 <223> n is a, c, g, or t

```

<400> 1683
nntatctgga gctccaccgc ngtagggcgcc gctctagaac tagtgggatc ccccgggctg      60
caggaattcc gccccgaggg cagtggactg cnntcgccac cttcctctat gcggaggtct      120
tcgctgngct gctgctctgc nttcccttca tttctcccaa aaaatggcaa annattttta      180
agtcccnctt tgtggagtcg gtatggacat atggcaccac cttctttggg gctctcattg      240
ncanccttgn gctacagnac attgatgctg ttcgngagat tnaaanntat gatgatgnga      300
cananaaggn gaacctncan aacnncctg gggctgngga gcacttccac atnaagcttt      360
nccgtgccca gaggaacctn tacattgntg gntttncctt gctgctgccc tttctgnnta      420
nacgcctggn gactctcatc ncccaccagg ncnogctgtt gggctgcaan aaannnttta      480
aaaagccggc anagagcgcc aatgntgcnt ccaagacctt gnatggagga nnaaccacct      540
ccncaaagan tgntnctggn gggaaccacc ttnttggggt ggggaccncc actgaaatng      600
ccccgggaat aaaaaaagan ncntnangnt ttttttcaaa aaanccanaa cnnaaaggnt      660
ggngttttac ctttncaaag gngggaaaaa ggngggaaaa nnnaaaatnt ttgccntttt      720
cccaaccnnt ttttaagggg tttnccangn ggaantnana cccctgttt ngggggnana      780
cnnctaaatt tngngagnnt tncntaantg gggcccccnn ggccanaaa aaaanaaatn      840
ancntttccc cncncnttn ttgngncnnc ttnnccnna aaaaaccccc tctttttttt      900
gaaccccccc tatntntttg ggcgnttttt tnttctnann gggggggggg nggcncncc      960
ntgncnnttt tttttaaggg ngaccccggt cccccccccc cnaaaaaaaaa anaggcnnng     1020
ccc                                                                1023
  
```

<210> 1684
 <211> 1370
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1370)
 <223> n is a, c, g, or t

<400> 1684
 tcggcnnngg ggngngcnc ngngtcctna actccgctnn cnanagcna atntggagcn 60
 ccaccncggg ggcggccgcg tctagaacta ntggancnc ncgggctgca cgnaatnngg 120
 cncnagnnnt ttncctatt acaggnctaa canacacggn nnaccnnggg ggncncntgc 180
 tccncntnnn acttncntn cnttnnncnn taatanantt cttntannag atatgatann 240
 annnccnnc gncnctcaaa ctctnttttt acctngttn tngcnatcca atcgnnngct 300
 cggcgctggn gngnnnatgn ngtagttnnn acnngctana agnnagtnan ttntntntnn 360
 nttnnnttg tntnagcng cgnaccgnt tatattnta atnnnnacaa cgtngtactt 420
 ccnattgtng nactctann cctntnngtg tagacctna nncctnattc tntatntnn 480
 gngngnncan gnagttcatn tnttnttgt nnanngtnnc ncgnnnanac gncttanttt 540
 attnatttac tntatgctgt ngngncctnn nntntantcn nttnatantt atncgacggn 600
 tanntnntg antgtnttan tantntnna ncgtgnntna tgnnngntct cccccnnng 660
 nnttcgangc gnaaggngcc gnnnnctnn aaccacttta ngnagcnnac gtgtnaacnt 720
 nntcnatgtc ntnnnagnc gcncnngng nnnnttcggn tccntnccg ttgnnngnnn 780
 ntnnanctat nntctnnng nttctnnntn taatcctntt tctncatna tccgncccc 840
 cccctnntc cnnacntct cntatcnc tgctcncna nngnaacta gntntanca 900
 ttgtatnncn tcgnatnta nttcaccann gcattgntc gcctntnant cgtntnataa 960
 atnnnannac nncnattgn attactanat cacngcttn ttaantgntc nncgnannng 1020
 cnngcatctg ngcttnncca tncncanttn cntgtgaggn gnganngcc gtatnnantn 1080
 tnnnnntc tnncgnnann ncngcncta cttnnncnc tctgntctct agnacntgac 1140
 nanttgncna nntcnnnnc cactcngng antanacacn gngnttctct taatctctaa 1200
 tncgggacgg aaggngctcc cncacgngg atnnngtngt gantntaanc nngctgtng 1260
 atannntcgc cccccccccc ccccccctct nttantcna cttntgtgt gtntacnatn 1320
 aagcnaantc tatnctctnc tcnctccgt gtggggggng gcntcnccc 1370

```

<210> 1685
<211> 1155
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1155)
<223> n is a, c, g, or t

<400> 1685
ttgannanan anggagctgc nncaggggc ggccgctcta gaactagtgg atccccggg 60
ctgcangnnn gagnccnnt ngatatttta tnnaannnc ggtcnnncan ttgggggggn 120
atatngnacn caacanaata tnngannncg tttnaaancn tanchatgtn ttgttctcca 180
aagggggngn nccncctng cnagggncnt nnttgtatta ataaaaaacg caggngagtn 240
ggacnnnta nncctancgn ananantcn tnaactcgga accntaannn tgnacagntc 300
aggngnattn ntagnnctgn nantncttg nannanncan annntaaant nccnnngnn 360
nnnngnnngt ntttnctct aattcnaacn naccggnggn nanttnnnng tggnnagagn 420
cnnntgacnc nngnnttct atntatnngn gntgtgnana natgngagac gngnncatng 480
nganngggtn anacnggttn aattnnctt tccnangacn annctnccn gccnangntt 540
tngannaagc catantccn nncacntacc anccttncta caanntnaat acgncntgcc 600
anaactnncn nggantnnnn tnnggcncna anccncncn acnancccg nttanggttn 660
natangggct cgnggnacng ntntaantta taatnattta ctnaaagaca ccagtnnncn 720
atngacnngt gntcacgnnn agtnggntga nngttnntna ntncgncaga tccnnntntt 780
ncganaanna ctangagatn agngagatng cncnggggn ttcaaanttt ggatgtttng 840
gcagacgat nntntntcn ggngacanac tatntactn gtngtgnncn ggannnggca 900
cncttgnta nngtnatnc tannagtagt gaagacnncg tcacntagan tangattgga 960
ngngatnntn ctcantatga gagtagacaa tgnannngca ngangnttnc ngtttannta 1020
gnggntantn nnnncnnntn tgagantnt nagnactcgn nagctntgta nnnantgctt 1080
atgccncnaa acaanaacnt ggnnctgaga ntggncntgg nggnntcntn ntgaantaat 1140
acgcaggaag anccg 1155

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<210> 1686
 <211> 1155
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1155)
 <223> n is a, c, g, or t

<400> 1686
 ttgannanan anggagctgc nncaggggc ggccgctcta gaactagtgg atccccggg 60
 ctgcangnnn gagncnnnt ngatatttta tnnaanngnc ggtcnnncan ttgggggggn 120
 atatngnacn caacanaata tnngannncg ttnnaaancn tancnatgtn ttgttctcca 180
 aagggggngn nccncctng cnagggncnt nnttgtatta ataaaaaacg caggagntn 240
 ggacnnnta nncctancgn ananantcn tncctcgga accntaannn tgnacagntc 300
 aggnagnattn ntagnnctgn nantncntgg nannanncan annntaaant nccnnngnn 360
 nnnngnnngt ntttnctct aattcnaacn naccggnggn nanttnnnng tggnnagagn 420
 cnnntgacnc nngnnttct atntatnngn gntgtgnana natgngagac gngnncatng 480
 nganngggtn anacnggttn aattnnctt tcnangacn annctnccn gccnangntt 540
 tngannaagc catantccn nncacntacc anccttnta caanntnaat acgncntgcc 600
 anaactnncn nggantnnnn tnnggcncna anccncncn acnancccg nttanggttn 660
 natangggct cgnggnacng ntntaantta taatnattha ctnaaagaca ccagtnnncn 720
 atngacnngt gntcacgnnn agtnggntga nngttnntna ntncgncaga tccnnntntt 780
 ncganaanna ctangagatn agngagatng cncnggggn ttcaaanttt ggatgtttng 840
 gcagacgat nntntntcn ggngacanac tatntactn gtngtgnncn ggannnggca 900
 cncttgnta nngtnatnc tannagtagt gaagacnncg tcacntagan tangattgga 960
 ngngatnntn ctcantatga gagtagacaa tgnanngnca ngangnttnc ngtttannta 1020
 gnggntantn nnnncnnntn tgagantnt nagnactcn nagctntgta nnnantgctt 1080
 atgccncnaa acaanaacnt ggnnctgaga ntggncntgg nggnntcntn ntgaantaat 1140
 acgcaggaag anccg 1155

<210> 1687
 <211> 992
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(992)
 <223> n is a, c, g, or t

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<400> 1687
ttnnnnaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggca ggatcaagcg attcctggcc aagaaacaaa agcagaatcg tcccattcct 120
caatggattc gaatgaaaac tggcaataaa atcaggtaca actccaagag aagacnttgg 180
anaanancca agctgggtct ataaaaanca ngctgggtct atgaaaagng gtcttancat 240
gtaaaccant tttttaanca gccanatcnc anngaaancn tcntacngt anngctnggc 300
ccangangtn ntttctnnnn tntcagneng naaccancca ttaantntaa ancgtnghaa 360
aaaaaaaaaa aaaaanntgg ggggggggcc ggggcccaat ttccccttna ggggggncgt 420
tnaaaaannn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnc 480
ntnnnnnnnn nnnnnnnnnn nnnnnnnnnn cncnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnngnnn 600
nnncnnnnnn nnnnnnnnnn nnnngnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn ncnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn tn 992
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```

<210> 1688
<211> 946
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(946)
<223> n is a, c, g, or t

<400> 1688
aacaaaatct ggagctccac cgcggtggcg gccgctctag aactagtgga tccccgggc      60
tgcaggcacg gcaagttcaa cggcncagtc aaggcagaga acgggaagct cgtcatcaat      120
ggaaaggcca tcaccatctt ccaggagcga gatcctgcc aatcaagtg gggatgatgt      180
ggatgctgagt atgtgggtga gtccactggg gtcttcacta ccatggagaa ggctggggct      240
cacttgaagg gtggcgccaa gaggggtcatc atctctgcac cttctgccga tgcccccatg      300
tttgtgatgg gcgtgaacca cgagaagtat aacaacaccc tcaagattgt cagcaatgcc      360
tcctgcacca ccaactgctt gccccctgc caagggtcatc catgaccact ttgcatcgtg      420
gagggactta tgaccactgt ccacgccatc actgccaccc aaaagactgt ggatggcccc      480
tncgggaagc ttgtggccgt gacggccgaa gggcttgcca aaatatcatn cctgcttcta      540
ctggcgcttg ccangccgng gcaaggtcat tccttaanct aacgggaaac ttactggcat      600
ggccttccgc gtccccaatt ccnaacgtgt ttggttgngg atctgancct gccgcctgga      660
naaancctgc caagtttgat ganatcaana agngggtgaa accagcgtca aaaggccctt      720
tnaanggan ttttaggcta ccctggngga ccaggttggt tcctgggaan ttnaaaagg      780
aactttantt ttttnacnt ttnaagctng gggttggnat ttgnccttaa aanaccctt      840
ttggaaagct tattttcctg gggacnaaaa aatnaaattt ggcttcccc aaaaangggg      900
gggggggacc tttttggggc ccaaattggc ccccaaagn gagnan                      946

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<210> 1689
<211> 972
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(972)
<223> n is a, c, g, or t

<400> 1689
nacaagctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc cccggggctg      60

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caggttttaa atcaagtcaa ccacttttca aagtaaagag ttcacacaac tactttcatg	120
aatttttttaa tcccgttgga aacatatacc aggagtgttc cagtatactg gaatacaggc	180
acactaccat tcatgggatg aattctgggg ttacacaaac cagttttgat gcaatctgct	240
cagtaataata atttgtcatt ttattanaa atataatttc ttcagtgtgat gtcatgaaat	300
tgtacatact gcagtgtgaa tttttttgtt ttgtttttta atcttttagtg tttacttctt	360
gcagtgactt tgaataaatg aaggaaaaaa ttcaaaaaaa aaaaaaaaaa acntgggggg	420
gggncnnggc ccnattncc ccttatnggg ngngntnaa aannnnnnnn nnnnnnnnnn	480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nn	972

<210> 1690
 <211> 922
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(922)
 <223> n is a, c, g, or t

<400> 1690	
ttnancaaaag ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccggg	60
ctgcaggcag gatcaagcga ttcttggcca agaaacaaaa gcagaatcgt ccatttcttc	120
aatggattcg aatgaaaact ggcaataaaa tcaggtacaa ctccaagaga agacattgga	180
gaagaaccaa gctgggtcta taagaagcaa gctgggtcta tgagaagtgg tcttaacatg	240
tagaccactt ttttaagcag ccagatcaca atgaaaacat cactactgta atgcttggcc	300
catgatgtta tttctcact atcagtctga gaccagcaa taaatataaa acgttgcaaa	360
aaaaaaaaaa aaaacntggg ggggggnccg ggncccnatt nccccntntg gggngnngtt	420

taacannnnnn	nnnnnnnnng	nnnnnnnnnn	nnnnnnnnng	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnntn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnccn	nnnnnnnnnn	540
gnnnntnnnt	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnt	tnnnnnnnnn	nnnnnncccc	600
ccnnnnnnnn	nnntncccc	ccnnnnnnnn	nnncctnnnn	nnnnnnnnnt	nccnnnnnnn	660
cnnnnnttnn	tgnnnnngnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnngnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nn				922

<210> 1691
 <211> 991
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(991)
 <223> n is a, c, g, or t

<400> 1691	
gcctatntgg agctgcatcn cnggggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggtgaatt cccgtngann ttanaggga gctttnacaa tgnccggagc ccttgatgtc	120
ctgcnaatga aggaggagga tgtcctcaaa ttncntgnan caggaacca nttaggtggc	180
accanccttg actnccanat ggaacagtac atntacaaaa ggaaaagtga tggcatctac	240
atnataaatc tgaagaggac gtgggagaag cttctgtngg ccgttcggnc cattgcngcc	300
attgaaaacc cggctgatnt cagtgtcata tcctcnagga atactggcca gcgagctgtg	360
ctgaagtttg ctgctgccac tggagccact cctatcgntg gccgcttcac tccgggaacc	420
ttnactaacc agatccaggc cgnattcngg ganccaaggc ttngngnggt caccgatccc	480
anggtgacc accagnccct cacggaagcc tcttacntna acctgcnaac cattgccttg	540
tgnaacacng actctcctgt gcgctacntg gacattgcca tcccggtgcan catcaaggga	600
gcgcactcag tgggtctgat gtggtggatg ctgcgccngg aagttctgcg catgctgtgc	660
ancatctccc gaaagcacc gtggggaggt catgccggac tctacttcta cagagatcct	720
gangagattg aaaatggaaa agcaggcngc tgntganaag ctgtgancaa ngangagttt	780

tnaagggnga ntggactgct ccaggctcca gaatttacgg gntgggttcnc cttatggtgg	840
ngaaactgnn nttaaagcct tgcaggtgcc ttccnngccc attttancnn ntccccatgg	900
aaaactggna gggcttaanc cttccattga aaaactggnc ttgcggcccc cccggcccnt	960
gcnaaggnaa tnggntngga accncccccn n	991

<210> 1692
 <211> 1009
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1009)
 <223> n is a, c, g, or t

<400> 1692	
nacaaanctg gagctccccg cggngggcggc cgctctagaa ctagtgggat cccccgggct	60
gcaggcttcg gggtcggcag cggcaagact gtttggccgc ctctacaagg tcccggccnt	120
gttcagctcc agngccaana tngtcaagcc caacggcnan aagccggacn agttcnagtc	180
ggggatctcc caggccntgc tgganctgga aatgaactcg gacctcaagg cgcagctgcg	240
ggagctgaac atcacggccg ccanganat cnaanttgn ggngggcgna aagctattat	300
tatcttcgtc cccgtcccg c anctgaagtn tttccaaaaa atccangngc ccctggtgcg	360
cganctggaa aaaaatttca gcggaagca cgtcntcttc atccccaga ggataattct	420
nnctacgcn nctnaaaaaa gccgtacgaa aaataagcaa aancntccca ggagccnttc	480
tctgaccggt gtgcacgacg ccatgctgga gganttggtt ctnccaaang agatcgnggg	540
caagaagatc cgantgaagc tggacggcag ccactnata aaggtccntc tggacaaagc	600
tcaacanaac aacgtggaag cgcaaggatg aaacgttttt tgggtgttnan aaacanactc	660
ncngggcang ggatgtttat tttgaattcc ccgagttttc agntggnaan ccacaccaac	720
taaattttta ttttttttct tcnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnaaaaan	780
nggggggggg ggggggcccc nccccnnnt tttnttttn tngnggggaa nnnnnntnaa	840
annnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ntnnnnnnc	1009

<210> 1693
 <211> 1037
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1037)
 <223> n is a, c, g, or t

<400> 1693
 nnnnatctgg agctccaccn cgggnggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaattc ggcacgaggt tagcaagaaa gctgaacgtc cgtgggaaca agggaagaan 120
 gaatccganc aaggcttgan ganangaaga nggatgggac aagaaaataa ngtcnantt 180
 tggngncgaa cccntttctn ggccnnnncc tngntngntg nnanggtngn gntngggaaa 240
 angggnggcc cttttncnn cncattgccn acttggtng cnatgntnan gncatnctnc 300
 cnnttcngn ttttaatngn atnaacngng gnttttatnc nngcnacnan cnngncctnc 360
 cngaatttan nancnttct ngtggggncc aaaacnttcn ggangncntn cccnttngaa 420
 cnaaagttta ccacaaccng aagaatgtgc atnaaggaga aatatgggaa ggatgccanc 480
 aacntgggag atgagaggcn gcttttgccc ccancatctc tgtgagaana caanaaacc 540
 tgtagcgttn gtgaaaaaat ncgcatntng naaaagctgt ngtanacacg acacaagtgc 600
 gccatntnca tnnagcnan nctgncctct tngnttnta cacnngtggc anntattgac 660
 actgtactnt ttngtcgccc ccntgacccc acccangtnc atncttcacc ccgacgaaga 720
 tgntgcaacc tgtagaannn gccttnttca tgggacctac nncactggtn gtntattntt 780
 aggaccccct tntaacnnc gantganctn gggaaagact ttntncagaa anttcatctt 840
 gcncncccg ccagggnnat tccnangtng gntggggggg gattgaacct tccccggng 900
 gaccaancc ccccnancn gggtttctt ccananggnc ngcnaaagca naanaaaaaa 960
 tctttgnnnn anctttntnt ccttgctngg annagtntn cccacaatt tggtnnttn 1020
 tntnancnn acgccc 1037

<210> 1694
 <211> 969
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(969)
 <223> n is a, c, g, or t

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<400> 1694
ttnagcntac tggagctcca ccncngnggc ggccgctcta gaactagtgg atcccccggt    60
ctgcaggaat tcggcacgag gctagagagg ggtccatacg gcgttgtctt gaattcccggt   120
cgtaacttaa ngggaagctt tnacaatgnc cgnanccntt gntgtcntnn aaangaagga    180
gnagnatgtc ntnaantttn ttgcannagn anccnnttaa ggggnnccna ncntnnnnntn   240
cnaanngnac natncntttt ccaaaggnaa anggnggggn tttnncttan naatttnaan    300
aagnccnngg aaaaacntct ggtggggcgt tcgcccnttg cgccttnna aaccggggtg    360
natgtcatgg catatatctc tcaggaatan ngggcacacg agctgtgctg anaatttggn    420
gtgntgccat gtgagnncca ctctntatcn gtggccgttt ncctcggaa acntttctat    480
accanance gncncntttt ncngagnncn agnntttgng gggcacncat ancagnggtg    540
aacaccaanc cctncaggg naancctttt tangnaaccc tccccacttt tgctgtggac    600
acagactctt cttttntgtc taggggaatt ttcacccncc ggnaacaaca aaggngcgc    660
nccccctggg ggcttctgat gtggaggntt ctccccgan aaactnctct tcctgcggnc    720
cacttcccaa naaaaacccc cggngggacg ttctgccctt cttttttntt cnaaaannt    780
ttcngaagn atnanttaag gaaggaacna gccnccanc ttntaaagg attttncca    840
acccaaggaa naanntnggg ggggtggaaa nngcctcctt ccccccacn anaaatngan    900
ngggntgncc ccnnncngng ggggcctnac ttttnaagga aggccnnggn ntttccttt    960
cccaanncn
  
```


<210> 1695
 <211> 969
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(969)
 <223> n is a, c, g, or t

<400> 1695
 ttnagcntac tggagctcca ccncngnggc ggccgctcta gaactagtgg atcccccggg 60
 ctgcaggaat tcggcacgag gctagagagg ggtccatacg gcgttgtctt gaattcccgt 120
 cgtaacttaa ngggaagctt tnacaatgnc cgnanccntt gntgtcntnn aaangaagga 180
 gnagnatgtc ntnaantttn ttgcannagn anccnnttaa ggggnnccna ncntnnnnntn 240
 cnaanngnac natncntttn ccaaaggnaa anggnggggn tttnncttan naatttnaan 300
 aagnccnngg aaaaacntct ggtggggcgt tcgccnttg cgccnttnna aaccgggtn 360
 natgtcatgg catatatctc tcaggaatan ngggcacacg agctgtgctg anaatttggn 420
 gtgntgccat gtgagnncca ctctntatcn gtggccgttt ncnctcggaa acntttctat 480
 acccanancc gnccccnttt ncngagnncn agnntttgng gggcacncat ancagnggtg 540
 aacaccaanc cctncaggg naancctttt tangnaaccc tccccacttt tgctgtggac 600
 acagactctt cttttntgtc taggggaatt ttcatccncc ggnaacaaca aagggngcgc 660
 ncccctcggg ggcttctgat gtggaggntt ctccccgan aaactnctct tccctgcggnc 720
 cacttcccaa naaaaacccc cgggnggacg ttctgcccct cttttttntt cnaaaannnt 780
 ttcngaagn atnanttaag gaaggaacna gccnccanc ttntaaagg atttttncca 840
 acccaaggaa naanntnggg ggggtggaaa nngcctccct cccccccacn anaaatngan 900
 ngggntgncc ccnnncngng ggggcctnac ttttnaagga aggccnnggn nntttccttt 960
 cccaanncn 969

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<210> 1696
<211> 957
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(957)
<223> n is a, c, g, or t

<400> 1696
tnnnnaaaag ctggagctcc accgcgggtg gcggccgctc tagaactagt ggatcccccg      60
ggctgcagga attcggcacg aggcttgcac tcagtataac acaaagtat tcccagtcga      120
aagttcagta agggcttgag agtagcaacc aagagggtga gagaacagag gctgttttta      180
tgattngcca anatatccag tctcctnttt attngattag naaaaatatc tttngtnga      240
attcagggtc agttttgatc ctgtntctgca nnaatctcca ntcagtaaata natttcagnc      300
annancngaa ccnctnttan ngaaaancta nttaccaccc tntcancacc anaantcncc      360
aggncntanc aaaaancnca gcntatting ccggnngaaa tctngctggg ccntctttaa      420
gaatccngnc accacaaanc actttnttct cngggncctt ttaanagatt tattattagt      480
atgaccnct ctaggcagtt gngtncntnc ttncncgcc actcagcaca cacacgtccn      540
tccttaagga agccaanact tcagggaacc tntnttcaaa aacaaactaa ggctntntga      600
tttacaggat gatgctgtaa aagtcacaac gtancnttg gttgttgaca ncctggagta      660
ggggcaaaaa atnccccncc ttttaanggag gncnaaactt tggttttatn ttggaaaaat      720
ttnggggaca aatttagntt ttttggnaaa caacntttta aaanccctgg cctcacntt      780
tggggggggg tcccgnttaa naaggagccc cccaatcttt taaacngggg ttttnaaaaa      840
ccaggaggtt tggngggccc caaattgaaa gggggncccn ccggaagggg ttcccccttc      900
cngccggggg aaccctaaan cccnnaaagg ggttnaaaaa ngggtttttt gggttnn      957

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<210> 1697
<211> 970
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(970)
<223> n is a, c, g, or t

<400> 1697
ttgganacna tntggagctc caccgcgggtg gcggccgctc tagaactagt ggatcccccg      60

```

ggctgcagga aaaattgnaa acnatgnttc atcgaccttc cagccccatc aaacattttca	120
tcatgatgaa atttcgggttc cctcctggga atctgcctaa tcctacaaat cctcacaggc	180
ctattcctag caatacacta cacatccgac acaacaacag cattctcctc tgttacccat	240
atctgccgag acgtgaacta cggctgaatc atccgataca tacacgcaa cggagcttca	300
atgtttttta tctgcttata tatgcacgta ggacgaggct tatattacgg gtcttacact	360
tttctagaaa catgaaatat tggagtaatc cttctgctca cagtaatagc cacagcattt	420
ataggatacg tcctaccatg aggacaaata tcattctgag gagcaacagt catcaccaac	480
ctcttatcag caatcccata catcggcaca aatttagtcg aatgaatctg aggcggattc	540
tcagtanaca aagcaaccct tacccgattc ttcgntttcc attttatcct tccattaatn	600
atcatagcaa tngccatagt ccacctacta ttctccacg aaacagggtt ccaacaaacc	660
caacagggaa tttntttcan acgtanacaa aatccccntt cccccctac tttncctntt	720
aaggacatt nttanggggc cttttttact aaattctaag cttttaaaac ctactaagga	780
nctattcgca ccccgacctt cttngggana ccccanataa cttccccccc agccaaatcc	840
aatttaana aacccccctt naaattaaaa cccggagngg aaacnttttt tntttgggat	900
accccaaatt tttacnaaan aattccccca acnaaacttn gggngggngg tcctttntcc	960
cttaaccttt	970

<210> 1698
 <211> 1080
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1080)
 <223> n is a, c, g, or t

<400> 1698	
ttgaanacag ctggagctcc accgcggggg cggccgctct agaactagtg gatcccccg	60
gctgcagggtt ttaaatacaag tcaacnactt ttcaaagtaa agagttcaca caactacgnt	120
catgaatttt ttaatcccg tggaaacata taccaggagt gttccagtat actggaatac	180
aggcacacta ccattcatgg tatgaatnct ggggtttaca caaccagttt cgatgcnatc	240
tgctcgtntc atactggngn cnttntntnt ngaantataa tttcnctncn tgtgangnct	300
tgnnnttgtn cntaccgctt ttgccgatat tttctccgct ctggnatttc cncnnnttng	360
nngngnnncn tcnctngcag tgtcctttga ntaactgcaa ggntcctnt gtngncncnn	420

cganaacnna acaanntttc gggggggcgn gcccccccc cctctntct tccccnncn	480
ngnggggncc gnattaaaaa atcccccccc ctcccgctn ctncctntc ttttctnnnc	540
tngccgtcgn ctncagcnca tgnngcattc gncnnncgcn ttctccctn cntgcnang	600
ctacnntccg tctntntng tnggcgntgn ttntgtncnn ntntctnct nntctgancn	660
tncnctnna cccccccgc nctncctc ccgctccnct ttccccnnc cngcctttnc	720
cctctnntt nnttgtcgt tegtccctc cttncgntn ctctntntc nctgcctc	780
ntntnctgac gnatgcnnc tegtcccn gncgngcc tccctcgt cncnncnnc	840
tcctcnccg cnnngcnngn gcnccctc tncacatgn tgcgtcnnn gntcctnttg	900
cgcctcncg nncgtcncg cnggcgcgt gtcgtcgcg ctgccactg cgnacctct	960
nncnntcc ancnngcna ncnctcttt ttgtcgnnt cngcgcgnc tcnctnttg	1020
tagcnncna acngcgtgc gcccgtaant nttgncngn ncgtcgnctn nctnnggcc	1080

<210> 1699
 <211> 959
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(959)
 <223> n is a, c, g, or t

<400> 1699	
ancncnactg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgagg tgagantnnn agatgngna ncttggnanc aacntttan	120
gctccggtc attctgnnat cctnaanana tgganntaac tgnctacct tancangct	180
ganagtntct ggannntgct acatgtggtg cncaccccc nangnnntt agaantctt	240
agncattgac ttcttactgt tatagggccn ntacatntaa ganagctgt tnncccnan	300
aatatntatt tgcanttttg tcacaacaac aaaaaagctc agcggtnct tcttcatggn	360
ttggagtgtg tggtagcaat gcatcaagct cagctcattt ccaagattcc acatatcttg	420
aaggagatgt atgacgcaga ccttttgag gaagaggtca tcattagctg gtcggaaaag	480
acctctaaga aatatgtctc aaaagagctt gccaaagaga ttcgtgtcaa agcggaacct	540
tttataaaat ggttgaagga agcagaggaa gaatcttccg gtggtgaaga tgatgatgaa	600
gatgagaata ttgaggtggt gtattcaaag actgcncccc ccccnaaaag ttgaaagctg	660

taaagtctga caaccaaaga tgatgacntt tgatattgga tgnccnttna aagggggggg	720
ggtgccaccc caaccttaaa caannгнаат ngcttgaaaa attntttttt gcatttcattt	780
gggcccaaaa agtgccaacc atggaaatgg ggccaaaaag ccttaaaaat ngggnttnaa	840
acattnaatg ccttacacnt ttttttaact tnaaaaaaat ggtattggct tggggaaagg	900
gggccctggt ttttttaaaa nccccaacca aagaaaantt tttngggggg gtcccntcc	959

<210> 1700
 <211> 1335
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1335)
 <223> n is a, c, g, or t

<400> 1700	
ntccttnnca tttntttatn nnannnnnttt ntnntcnccc nccnctnttt ttnntnccnc	60
nccccnntn gnccanngnn nnttttattg gtttctatct ttnagccnnt agganngcan	120
acagtggcgg ccgctctaga actagtggat cccccgggct gcaggggtat gatccgcann	180
ngtnactncc aggaggccgc ggccagtgct aaggaggcag gtgaagcggc caaagccagg	240
cgctgtgagc gcggcctgaa gacactggag tcccagctgg ctgctgtgag gaaaggcaaa	300
aagatcagtg aggatgagat cccgcctcca gtggccttgg gcaggaggcc cctggtcccc	360
caggaaacaa ctaacaagag ccctgaagca gaacccccan ctgccccctc cgtggagcca	420
gataaccctt ccnagcctga nacaagcctc ttgggcatcc ctggaatttc tgccccaccc	480
gacntcanac ccggaccacac gggccctgct gctaggcccg gcnnatagag taaaaagtgg	540
ctgctctnaa tgccaagcgt gctggagacc tanaccgtgc ccgagagctt atgaagggtt	600
tgtgaagaga tttgctgctg tccttggang cccttggana antgggncag ccttgtggnc	660
ctnnatngct catgcccccc cntnntccan annnacntg gaagcccctt ctcananggc	720
ttgntccana gccccnnnc tagcncccc tccgatggc acccctntng nanntngnan	780
cgganatgcn acccacaatn naattgggct cttttntaca atcncccatt canngnccn	840
ggtanggccc cctanngctt gattcacntc cangaacaan tgcgcttggtg taatnccccn	900
ntnncannct annantggct tggatccaan antnccacgc cgnatnggcn anngtctcnc	960
cctanngent cntgtnggc aaatttgggn gnnatatatn accnncnata gagccccn	1020
nnanntncca cncntatnct cntnttttgg nncanntacn tatntaantt caaananann	1080

ggccattttt nctnntcccn cncncatggn nctgtgagan cnnncaaata ntttgacttc 1140
 tnttgaccgc ggngtctanc ctnggtana ctttcctnnn nanatttatt catccnctat 1200
 ntacacnttg gntctnntgg gnagacacnc annncgtnn ggtcttatchn tnganagnnn 1260
 nncnatgtnt gaaatgtgat gntctctnct cttatacang actntctnna cctnncaata 1320
 tacnctctgt cncce 1335

<210> 1701
 <211> 1027
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1027)
 <223> n is a, c, g, or t

<400> 1701
 aaanctggag ctccccgcgg tggcggccgc tctagaacta gtggatcccc cgggctgcag 60
 ggattncggc accgaggnnc ctgtntngnn ttcncagant tggactnggn cncnggnng 120
 gnnnnatgaa nancgntatt canacttnnn ctgccntag tcaannnact ttataggac 180
 cnaacgtatg ccctaataana anatncttta cnaaccattt aanctgctat tncttgattt 240
 aaaatgggnn cgcaaaancc ngtttgtaac ntgttcttgt gcccagtggc tnanatgacc 300
 agactcccat ncgcctccag nttatacctt acctnccnt anaagagaag accnncngaa 360
 cncnatgatt ttntcttna gactnncgnt ctcnataaag ancnnncnga tattancntn 420
 ttcattgcnc acaaaacaan ctttgnaana nacaaggctt ccacncnccc cnccaaatac 480
 taatggngca gncctaacnc tgtgnttttg atgttcncgn ctaccntna angagcgggt 540
 gtngancttc tgtnngcngg gatccaccgc gncatnnaac tggcgggtga ttnattntnt 600
 ttactgccna tcnttccaat gctggaatcc aagctgnnat nctngattg cnnacaaaat 660
 ggtatnnttg aactccgctc gtttgntttt tcttcattga anggnacccc ntggccttng 720
 ttnggnttgc cccctttgaa nntctcaanc ccgncnttt ntnggttacc cttngggcaa 780
 aggggaaann ggtttccttt ncttcanttg ttcanggnntn tttntannnn ncntgggtacn 840
 ttgtntntc naaaaaccn gnttnncngn ntttctctt aaaaaataaa aaaaacnntn 900
 ntctattntn tgangggntc nccantccct tnaattntnt angnaaaacn ataantntnn 960
 anacntnccn nnaactntcn gtntnnnnnn ntnaaantat tntananaan atttntctnt 1020

nttnttc

1027

<210> 1702
<211> 959
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(959)
<223> n is a, c, g, or t

<400> 1702
caaaagctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggggaattt gaggattcct tccatcttca ggcacttaag ctggtctcaa cncctggtcc 120
cggggggggca gggccctcct ttgnnaaggg tttccnagaa nctggangga aagggggacc 180
agncaggnc aatggggtnng nnggccnccn nccccantna aanancanca accngtnanc 240
gtgnnnacca aaggnggnnn tttgggaann nttgnntccc anntgnaaan taacngcttc 300
cttccttnc cacnttnaaa ntcannaaac ntgnaagaaa ancatntgcn aattctttcn 360
nggtggaacn gaccggcntg atatatccng acacgaatat gcncnctgtg acnttaaagt 420
aagggnata tatctttgac angtcccaa gcacatgcac actctgttna aagtnntgga 480
aaagannttt tctttctact cttgtggaga naattactcn ngaanttana tngggnaagg 540
gnccctngcc ttntccact ctnatnttct tatnccccn tccttctgaa atgtgttaac 600
tcatttcacg cnatgggtgg gaaatgcnc ctccacntc attnctttgc cctccncanc 660
aaaatcagng ccnctgatng tcttttttgg gcttccccct ccttangggc cttttcctgc 720
ncangaagnc cccacaccn aacctttttg cttttgtcac tgctgggggt tcaaaattga 780
tngggaccag atcttttgtg cccncncagg aaatnttttt ttttttttta naaaaatcct 840
ttanggggga aaaaattcct antgaaacct gnggggcgtn ttntttgcgg tggccaacan 900
naaaantnac annnacncc cccanggagc cntgaaatct tggttccctg naaaaaaan 959

<210> 1703
 <211> 1111
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1111)
 <223> n is a, c, g, or t

<400> 1703
 ttgagcctat atggagntgt attacagggg cggccgctct agaactagtg gatcccccg 60
 gctgcaggnn tccatctgta cntgagccat gatgacctgg nagcgtctgg gggccccggg 120
 aaaggggnag ggttnggcc caaacttggc ttccggggaa ggacncggaa acccttatgg 180
 gganaacatt ggnccatcnt tggactgntt ttgnctttcg ancaagcacc cccaaattcg 240
 gtggnggcaa aantttgggg ncccaggact tccccnngc ntttccangg ntgtgaaan 300
 cattgcttgc ccctnntgct gacngcaaat gagcanaagg gccggaatta tcctngacna 360
 ngttinctna cntgactgng ccacaaccct cggggcattt ttccacctgn cccnttang 420
 aggacaccta tnttgaggt gtatcttga gcacgaaagn gcagntttcc aanccacatg 480
 nntttttct aangnccact tgngacaccc ttttgnanag cnaaaaaagt gaaaanggca 540
 cccantccn ncccggtg gttnttncgt nggggggaag ggggtntctat tatttnaacg 600
 ngccaangtg gcttttgcc caccctntnt tatttnacaa ngactgtccg caaatngggc 660
 cccaagggg tngcnttgtt tccacaactt nacgcccttc nngccccng nntngttacn 720
 cgnggcctaa caccnnaac cccccgaan aannancccc cccccggan anngtnccaa 780
 caattctctt tntgggngg gttttttacc tntttnttt cggaatnnta accnnancct 840
 ttttacccca aggttttncc nanttnnagg gaanccctaa nggagnaaan aacntcnnc 900
 taanggaagt ttttaccctg gaanntngnn tnggaaaccc ctnttattag gnttttttt 960
 tncctttcc aaccaataaa ttaanccttt aaaaaagnga gtttacccca aaatanncta 1020
 tntntggaan ccccttgggt cctttatttg gancnccnn aaaaacttta acccctnnn 1080
 nnggatttna atttaatggg cccnnnttn n 1111

<210> 1704
 <211> 1111
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1111)
 <223> n is a, c, g, or t

<400> 1704
 ttgagcctat atggagntgt attacagggg cggccgctct agaactagtg gatcccccg 60
 gctgcaggnn tccatctgta cntgagccat gatgacctgg nagcgtctgg gggccccggg 120
 aaaggggnag ggttnggcc caaacttggc ttccggggaa ggacncggaa acccttatgg 180
 gganaacatt ggnccatcnt tggactgntt ttgnctttcg ancaagcacc cccaaattcg 240
 gtgngggcaa aantttgggg ncccaggact tccccnngc ntttccangg ntgtgaaan 300
 cattgcttgc ccctnntgct gacngcaaat gagcanaagg gccggaatta tcctngacna 360
 ngttnctnna cntgactgng ccacaaccct cggggcattt ttccacctgn cccnttang 420
 aggacaccta tnttgagggt gtatcttga gcacgaaagn gcagntttcc aanccacatg 480
 nnctttttct aangnccact tgngacaccc ttttgnanag cnaaaaaagt gaaaanggca 540
 cccantccn ncccggtgtg gttnttncgt nggggggaag ggggtnctat tatttnaacg 600
 ngccaangtg gcttttggcc caccctntnt tatttnacaa ngactgtccg caaatngggc 660
 cccaagggg tngcnttggt tccacaactt nacgcccttc nngccccng nntngttacn 720
 cgnggcctaa caccnnaac cccccgaan aannancccc cccccggan anngtnccaa 780
 caattctctt tntgggcngg gttttttacc tnntttnttt cggaatnnta accnnancct 840
 ttttacccca aggttttncc nanttnnagg gaanccctaa nggagnaaan aacntcnnc 900
 taanggaagt ttttaccctg gaanntngnn tnggaaaccc cttntattag gntttttttt 960
 tnccctttcc aaccaataaa ttaanctttt aaaaaagnga gtttacccca aaatanncta 1020
 tntntggaan ccccttgggt cctttatttg gancnccnn aaaaacttta acccctnnn 1080
 nnggatttna atttaatggg ccccnnttn n 1111

<210> 1705

<211> 982

<212> DNA

<213> Bovine

<220>

<221> misc_feature

<222> (1)..(982)

<223> n is a, c, g, or t

<400> 1705

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ancncnatct ggagctccac cncngtggcg gccgctctag aactagtgga tcccccgggc      60
tgcaggaatt cggcacgagg cttnnnnnna ggntancnca anggntngnc ccatggcnag      120
ngcnntgttn nntchanant tnnntnacng ncnaachann agacnttgct naccntaacn      180
gncnctgnaa ntttnanncc tatcatnatt ngctactanca cagncntaan gnngacgctg      240
acctttcncln ganaangcnc cttnaaaggc atccntnccn cnnngggcca ttttggcctt      300
anatanagggn cnattgnctt ttgatataatt tagttaagnc ccatcnttnc cngaattttt      360
ttcccnttat aacaaataaa gcntcccccc cannggggac ctnggcgcct nttgncccn      420
aacnggcctt aaccantaa ccccnntaaa nggccacng ctcnacctn tngncttntg      480
gttttcgga ttnatatnn ccgngncccc anntnttttt anattaanan gggancnana      540
nncatattt tcanancncc ctttnngcgg tngncnttat nacnnnnng ngggnnccca      600
aaaaaanttn taaannanaa angggaannn tantntttt tnnnnccnt nccnaaaaa      660
aaaaaaanaa naaaannctn ngggnggggg gcccananna cnnntnttn nttaannan      720
ggnnctaca tnnnnnttn nnnnnnnnnn nnnncnnnn nnnntnttn ntncncnc      780
cntttttnnn nnnnanncc cncctnct tntcnnnng ttttttttt tttnnnnccc      840
nnnnnnnnn tntntntnn tnnannnnn nnnnnnttc nnaaaaaa aaannnnnt      900
nnnnnnnca anntnnnttn cntttttnt cntnnnnnn ntnannnnnn ncnntntnn      960
ccnnnnngnn tngtgngtcc cn                                          982
```

<210> 1706
 <211> 948
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(948)
 <223> n is a, c, g, or t

<400> 1706
 ttggaanaac atntggagct ccaccgcggt ggcgggcgct ctagaactag tggatccccc 60
 gggctgcagg aatccanctc naggnntnnn gttntgccc naggnntgcn acncanncat 120
 gtctatcntg nngctgacgg nctgnnnctt ccacatgctn attcncatgc tgcntttttc 180
 ggcnnctttg nacanggcct ggagaactnt nnncggaag gagncnctga atntttgtta 240
 cgaccgaaca tggaatnntg acnnaannc nngncnctgc cttatcanga acnntancng 300
 ntngntgaaa gcagaacacg nentcatgga gctttncctc atcctgtgct gnetgctctn 360
 ttcattgtaca tgtgtacagt gnttanacca tgcggcgagg agngctatnc tatgccactg 420
 nctnntgcna actttgntcc anggtggcag gtgtttaccg gagcgctnat ntacnccatt 480
 natgcnaaan agattctggc ggacttgccc gtngngnngc attttttntc tactgcttna 540
 cctgtctctg ggtggccttt cccctcgccc tggacancgg nataatctac cccttntgcn 600
 gaancagaaa tganggctgc cctcccttgg gtcccagccg actcccggn ccttcatcta 660
 cccgnaagcc cccacccttc ctnttttnt attttaaaac agaaaataaa actgtttaac 720
 ccgccggaia aaaaaaaaaa aaaaanttng gggggggggc ccggncccca attnccctt 780
 aatnggnggn tnnnaanaaa nnnnnnnnnn nnnnnnnnnn nnnntnnnnn nnnnnnnnnn 840
 nnnnnnnnnn nnnngnnnnn nnnnnnnnnn nnnnnnnnnn nnnntttnnn nnnnannnnn 900
 nnnnnnnnnn nnnnnnnnnn nnnnnccnnn nnnnnnnnnn nnnnnnnn 948

<210> 1707
 <211> 1043
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1043)
 <223> n is a, c, g, or t

<400> 1707
 ttgaacacng ctggagctcc accgcggtgg cggccgctct agaactagt gatcccccg 60

gctgcaggtt ttttttttng angnnttcnt ttactttaat ancnc tacnt tnaccaggnt	120
atcaccatgg aangtaaate cagggttaaac naaaattcac aagtccaaca aagcnttctg	180
ngatnncca aagttngnnt aangnnngac caaaccagtt ngctcatnaa ngactnccat	240
ngaagggtt ttatttagnn gangatnctt tgggagaaaa taaactnct gccncntta	300
aaaanggggtt ttnattnnc ctttgcntta gcncnnaaaa tncangttcc aaaannnttt	360
taaaatttat tntaatntnn cnnncnccaa aaatttantt ntgcatttnn ctaaanagct	420
aangggggan cccccaagta aangccnctn ntcantgtn nntgactcta aanataaaaa	480
ccctactttc caaagggggg cttntgtntn cnangctttt ttagntttng ggttaaaaaa	540
nnncnncn aaactntgcg agggnggggt nnaaaanggg gngnnntccn ncnnncncng	600
gtctttnaaa ggggttnct ntcaaananc cnnccnacc cctaaaaan nctcntnnc	660
ggccccangn gggccggnaa aaaagntnnc atttacgngg ggggaaaann gnnntcccn	720
ncctttcct caancagcnn cngnttttn ntggnnnccc ggnggggncc cnccttttng	780
nnntnggca nnggngtct ctttttttaa aanacnaatt ntcancnaa angattnca	840
naagggggg ccnggggnccc gcccttnacg ggtntnttta ncaaaggcgc actgnntnct	900
tntnnngtc nggcccagac nctccccngn nangngcct ncttngggn ccatntctcc	960
ncatgccnt nggcccnnnn nccgaaacan ccgntctta aangggggna ncnttttttn	1020
aancancccc gtnccccngt gcc	1043

<210> 1708
 <211> 924
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(924)
 <223> n is a, c, g, or t

<400> 1708	
anaaaaactg gagctccccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggtttggc tttaatatag gaagggccat gggagcccct ggctgaactg aagcctaccc	120
caagcctcca taaccgtct aggatgaggc gcttcctcta ttccagtgat ggatgtgacc	180
gtccagcatc actgactatg ccctagagaa ctgtgctccc agcctacca gggctctcatg	240
gtaaaactct ggatttaatt ttgaagaaat cctaccgccc accagcccta ccctaacacc	300
cagtttcctt ggagatatat agctgggttc taagcttcac caggcaagac gggatggaaa	360

tctgtcact	gagtacaggc	tgtgttgtct	cacccatacc	cgccatgggc	ttcagctcca	420
tttcaagctg	cccagggcat	tccttcatcc	ctgggggtggc	cagcagagta	agagaagggg	480
aggggtagtg	ggtgtgatta	tcttaatatg	caggtgagag	aggggctaga	ggaagatggc	540
cataggacag	cttggagttt	tatcccangc	cagcttgctg	tgggtctggg	aagttgggtc	600
atggctncnc	tgggactgtg	gggaggagag	ggacacagct	ttgaangcgg	tgangaacaa	660
gtcatatgtt	ccagctncgg	gacgttgtgc	tcaaggaatt	tgaaaaccct	tgctatacct	720
aagtctgggt	actacanttt	tttccactnc	ccttttgncc	ctggcttgcc	ttaaccagg	780
ncccaaacc	tttctgtttt	tancctttaa	aaagggaccc	cnggnaagct	taaanccaag	840
gntttccctt	acccctttgg	cnctaaagg	cctnttgcaa	ggnccccttg	ggttggggnt	900
aanaccaang	ggcccgggtt	ccag				924

<210> 1709
 <211> 1012
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1012)
 <223> n is a, c, g, or t

<400> 1709	
ncctatctgg	agctncacn
cngtggcggc	cgctctagaa
ctagtggatc	ccccgggctg
	60
caggaattcg	gcacgaggct
tctatcttga	cctgcataaa
acagccctgg	gagggatgtt
	120
taaaaaaatt	caaattgcta
gctttatacc	gagggattgt
ctcagtggat	ctgggtctgg
	180
gttgtggccc	tggaatcacc
acttttaaaa	acagcatcac
aggtgggtca	gagagcacag
	240
tgggagaggc	tgctctgagg
gatgggaaag	tgcaattcag
tgttgcctgg	aggcaagtgg
	300
acaccttttg	cctgagattc
agaatgggtg	gtctcctgcc
agatacaatc	actgagagtt
	360
aggagtaaca	aggatgcatt
tagtccagag	gattacccaa
gctctatgaa	aatgtttctc
	420
taaattagaa	agtcctcgtg
ccttctctga	aaaatgaatg
tacaggtatc	ctgtttacca
	480
acaggtgtac	ttaggattaa
aaaactagtt	tgaaagttgt
ttttctttga	aaaagcaaaa
	540
atttagcact	gtgacttgaa
cctctgaatc	ttttcatgca
cagaaaaccg	taagccataa
	600
gtaaaaatga	acaaaaagga
cagagaggat	cataattttg
aaaattagtg	acagagtacc
	660
ccttaccagg	ggccttcaag
gattaaggac	agaaaagatt
ttanaaagaa	atgtttcttc
	720

ttgagaaang	gagtctcaca	tgccagaact	caaattataa	atgtagtggt	cntatgacca	780
nggggaagat	gcntcttgat	ttcccaaagt	gctccagttt	aaaatacnta	aaatgctggc	840
cttgggactt	aanncccttt	aaaggaagng	aattnctant	tttggagcgg	tatancaaat	900
ttcctccctg	gaattcctct	tccctttcaa	aaaaantgat	ttgntaaaaa	agcncntttt	960
ttccttttta	naactttttt	gnatggcntt	naaaaattaa	aaagnctttt	nn	1012

<210> 1710
 <211> 1016
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1016)
 <223> n is a, c, g, or t

<400> 1710	
annnctggag	ctccaccgcg
gtggcgggcg	ctctagaact
agtggatccc	ccgggctgca
	60
ggctcttttt	tctagtcttc
ttccctgtag	gcagtttttag
gtggagtcag	gggacaggca
	120
gctttctgct	gagggacatg
acacgtccgt	ttccaanaca
gaaagtgggt	ggcagaaggt
	180
gtaaaccctg	aagtcccagt
ccccgaaatc	tcattaccct
caaggtcttc	acagtgatcc
	240
agtgtcctga	accattgcct
gagcaataga	ataactgtgc
ttttgaagta	atgtctgact
	300
ctgaaggcag	cacctgaccg
ctcccccgcg	tgctgggctg
gtcgtgccga	tactctgggc
	360
tcccagttgc	tgcttctcag
atatacctct	tgcccgactg
ccgcctcctc	agtccacctc
	420
atccactcaa	ccatgcccc
cagacatctt	aggtagaggc
aggagaagcc	aaggcgtatg
	480
cacagctgcc	cagtgactgc
gcaaaagaac	tcacactggt
ggctgaggct	ggaaggacac
	540
caagagtcnn	cttttcacca
caggtcacca	gtgtgatgac
aatattccag	gcttgacgtg
	600
ggaagagaca	gccnanctca
gacttaacta	aatgctgagg
gctgtatttt	aacaactggg
	660
cagttctcng	aaggtggntc
acnacttttag	aaaaaggaaa
gcgaccctga	tgtnncctaa
	720
ttaaccacca	tncantaggg
ggangccaaa	tacanccttt
gaattggctt	aaactggagg
	780
aaggcanccc	caggantttt
tnttcttngc	cccancacnt
tttttgattt	cccancaaan
	840
tncctaattt	gaanttttta
aacttcaaaa	aggccnangg
ccttttnggc	tttttnaaaa
	900
natggaaaaa	aaaggggnatt
ttttccccct	ttatngcaan
gcggaagggg	gcnantaacc
	960
cngaannnga	aaaaanaaac
cttcnnacca	ngccccggga
attttccacc	ntttct
	1016

<210> 1711
 <211> 1016
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1016)
 <223> n is a, c, g, or t

<400> 1711
 annnctggag ctccaccgcg gtggcgggcg ctctagaact agtggatccc ccgggctgca 60
 ggctcttttt tctagtcttc ttccctgtag gcagtttttag gtggagtcag gggacaggca 120
 gctttctgct gagggacatg acacgtccgt ttccaanaca gaaagtgggtt ggcagaaggt 180
 gtaaaccctg aagtcccagt ccccgaaatc tcattaccct caaggtcttc acagtgatcc 240
 agtgtcctga accattgcct gagcaataga ataactgtgc ttttgaagta atgtctgact 300
 ctgaaggcag cacctgaccg ctcccccgcg tgctgggctg gtcgtgccga tactctgggc 360
 tcccagttgc tgcttctcag atatacctct tgcccactg ccgcctcctc agtccacctc 420
 atccactcaa ccatgccccca cagacatctt aggtagaggc aggagaagcc aaggcgtatg 480
 cacagctgcc cagtgactgc gcaaaagaac tcacactggt ggctgaggct ggaaggacac 540
 caagagtcnn cttttcacca caggtcacca gtgtgatgac aatattccag gcttgacgtg 600
 ggaagagaca gccnanctca gacttaacta aatgctggtg gctgtatttt aacaactggg 660
 cagttctcng aagggtggntc acnacttttag aaaaaggaaa gcgaccctga tgttnctaa 720
 ttaaccacca tncantaggg ggangccaaa tacanccttt gaattggctt aaactggagg 780
 aaggcanccc caggantttt tnttcttngc ccancacnt tttttgattt cccancaaan 840
 tncctaattt gaanttttta aacttcaaaa aggccnangg ccttttnggc ttttnnaaaa 900
 natggaaaaa aaagggnatt ttttcccctt ttatngcaan gcggaaaggg gcnantaacc 960
 ongaanngga aaaaanaaac cttcnaccca ngccccggga attttccacc ntttct 1016

<210> 1712
 <211> 1321
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1321)
 <223> n is a, c, g, or t

<400> 1712
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 ccgggctgca ggaanttcng cncgaggctn ttnnnggtgt ncccanaccn gccntttnc 120
 ttaaacctcn ggaggncccg canngttaan aggggaaatc attaccncca tgagacaggg 180
 gtngnncccn agantcgttn tggggccagn tccacttgga cacctttgta tgnggnanac 240
 acttttttnc antgnaggta nactntaaac ggacttatac ttgntctctn ananaaacta 300
 nggactttcc caaattnaat acnctnactnn gnactccnac aaactctatt gancagncaa 360
 tgnatgannc tnaacgantt cataanagat ganagaacca nngcaccctt tnngnngaatt 420
 cnttnntggt ntncacagaa anctnnctna ttnnnactnt catctatngn naacctncna 480
 gtgtgcgctc ggganttgta gtcnncccan atacnnnnat nngtgctttc aggaaaancc 540
 tntgncnct nnatcttntc ctntanata aancaactc tngccctcc ttctnanaa 600
 anattaatct tnattcacct gcccttaaaa ntctttngnc ngatnccnag atgcnntttg 660
 acttggtttt tgtngaanga nananannnc ttnantttctg gctnccaccc gccccnatt 720
 gnnttnnnna agnaaantcc acnttcantt tatanacctt cttgaanctt gataccntcg 780
 atcaatnctn tttgtggcgt tgggggcaat cnattntccc tntttccnt tntcttaca 840
 attttaactt tntnnnnant cctcgcgann ccnctanant ttnttttagtg nnnnacttta 900
 caggngnngg cnccaattgt cncnntgnag tnttcttnac ctctgggtcca anattcnant 960
 tgtancgatn tttgtancca accnattttt ntctccanaa ncttatcnc ataactgtaa 1020
 ttntttncnn tggatgncgt cnnnggtttt nactcttta anaaanantc nncennatag 1080
 atnngtnnct agcggaantc ntctntttt cttctnncaa tnnntattat aacgttctta 1140
 ntnaacnatn cncnttctan tattctttaa tggcgnttat naanttgnt ntgggttcnc 1200
 cngtcttc tnttgnacgn tncgnggac tcnccctcc tnttcnnat atntttaatc 1260
 ttaatnttn nttttgcnag nnntgcgttn ttatnncatc tctctgtng nnacacncc 1320
 c 1321

<210> 1713
 <211> 1321
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1321)
 <223> n is a, c, g, or t

<400> 1713
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 ccgggctgca ggaanttcng cncgaggctn ttnnnggtgt ncccanaccn gccntttnc 120
 ttaaacctcn ggaggncccg canngttaan aggggaaatc attaccncca tgagacaggg 180
 gtngnncccn agantcgttn tggggccagn tccacttgga cacctttgta tgnggnanac 240
 acttttttnc antgnaggta nactntaaac ggacttatac ttgntctctn ananaaacta 300
 nggactttcc caaattnaat acnctnactnn gnactccnac aaactctatt gancagncaa 360
 tgnatgannc tnaacgantt cataanagat ganagaacca nngcaccctt tnngnngaatt 420
 cnttnntggt ntncacagaa anctnnctna ttnnnactnt catctatngn naacctncna 480
 gtgtgcgctc ggganttgta gtcnnccan atacnnnat nngtgctttc aggaaaancc 540
 tntgncnct nnatcttntc ctctanata aancaacntc tngccctcc ttctnanaa 600
 anattaatct tnattcacct gcccttaaaa ntcttngnc ngatnccnag atgcnntttg 660
 acttggtttt tgtngaanga nananannnc ttnantttctg gctnccacc gcccccnatt 720
 gnnttnnnna agnaaantcc acnttcantt tatanacctt cttgaanttt gatacntog 780
 atcaatnctn tttgtggcgt tgggggcaat cnattntccc tntttccnt tntcttaca 840
 attttaactt tntnnnnant cctcgcgann ccnctanant ttnttttagtg nnnnacttta 900
 caggngnngg cnccaattgt cncnntgnag tnttcttnac ctctgggtcca anattcnant 960
 tgtanogatn tttgtancca accnattttt ntctccanaa ncttatcnc atacttgtaa 1020
 ttntttncnn tggatgncgt cnnnggtttt nactcttta anaaanantc nncnnatag 1080
 atnngtnnct agcggaantc ntctntttt cttctnncaa tnnntattat aacgttctta 1140
 ntnaacnatn cncnttctan tattctttaa tggcgnntat naanttgnt nttggttnc 1200
 cngtcttcc tnttgncagn tncgnnggac tcnccctcc tnttcnnat atntttaatc 1260
 ttaatnttnn nttttgcnag nnntgcgttn ttatnncatc tcctctgtng nnacacncc 1320
 c 1321

<210> 1714
 <211> 1321
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1321)
 <223> n is a, c, g, or t

<400> 1714
 tttagagncn atangggagn tgtattacag tggcgggccc ctctagaact agtggatccc 60
 ccgggctgca ggaanttcng cncgaggctn ttnnnggtgt ncccanaccn gccntttnc 120
 ttaaacctcn ggaggncccg canngttaan aggggaaatc attacncca tgagacaggg 180
 gtngnncccn agantcgttn tggggccagn tccacttgga cacctttgta tgnggnanac 240
 acttttttnc antgnaggta nactntaaac ggacttatac ttgnctcttn ananaaacta 300
 nggactttcc caaattnaat acnctactnn gnactccnac aaactctatt gancagncaa 360
 tgnatgannc tnaacgantt cataanagat ganagaacca nngcaccct tnnngngaatt 420
 cnttnntggt ntncacagaa anctnnctna ttnnnactnt catctatngn naacctncna 480
 gtgtgcgctc ggganttgta gtcnncccan atacnnnat nngtgctttc agggaaaancc 540
 tntgncnct nnatcttntc ctntanata aancaacntc tngccctcc ttctnanaa 600
 anattaatct tnattcacct gcccttaaaa ntctttngnc ngatnccnag atgcnntttg 660
 acttggtttt tgtngaanga nananannnc ttnantttctg gctnccacc gcccccnatt 720
 gnnttnnnna agnaaantcc acnttcantt tatanacctt cttgaanctt gatacctcg 780
 atcaatnctn tttgtggcgt tgggggcaat cnattntccc tntttccnt tntcttaca 840
 attttaactt tntnnnnant cctcgcgann ccnctanant ttntttagt nnnnacttta 900
 caggngnngg cnccaattgt cncnntgnag tnttcttnac ctctggtcca anattcnant 960
 tgtancgatn tttgtancca accnattttt ntctccanaa ncttattcnc atacttgtaa 1020
 ttntttncnn tggatgncgt cnnnggtttt nactcttta anaaanantc nncnntag 1080
 atnngtnnct agcggaantc ntctntttt cttctnncaa tnnntattat aacgttctta 1140
 ntnaacnatn cncnttctan tattctttaa tggcgnttat naantgnnt nttggttcnc 1200
 cnngtcnttc tnttgncagn tncgnggac tcnnccctcc tnttcnnat atntttaatc 1260
 ttaatnttnn nttttgcnag nnntgcgttn ttatnccatc tcctctgtng nnacacncc 1320
 c 1321

<210> 1715
<211> 916
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(916)
<223> n is a, c, g, or t

<400> 1715
anacagttgg agctccccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
aggaattcgg caccaggatg gtgaagtcca nggncatact gagagtattg ccatataaat 120
atttcaccat agattgagga ttgacctaa ggttctctgt ggagcactct ttttcagtga 180
ctcaactctg aacttcaaat tctgagatct gatgaaacat atagttctcc aacttgaaat 240
ctgttttctg tctacatgga aaacaagcta tatctacaca aatggaagct tattaattaa 300
gtgcactggg gtcgtaaact ggctccatct cagacaagtt gactcctttc caaaagaaag 360
aagctaaaca gaaaactacc ccttatgcag agatgaccag cctctatcag ccctcggaca 420
tttgatatgtg tctggagggt cctggggatc actagttttt taattcagaa gaagcagaac 480
acatcagcag ggttcctctt accttactaa tgaataaact gaggcccaaa gcacctgatt 540
acaacttttg gtaactttca aatatgctgg taagtggaat tttgaaaaag aaaaacaaaa 600
tcaacatgac tgcagtggcg agatccgcaa actccatggg gggttcagaat tattgnacag 660
atgccccaaa cttatccttg ggtcttaagt taggcaaact catgaacaag atatatgcat 720
ctacatacat ttatctaact tgncaggcta taaganagac tggcaactta aatgnataca 780
tccttctatt ggcanccctt ggggtcagcn tttcttcntt aaagggtttt ttttaantta 840
anttttcctt ttnaaaaaat ntenttttta ccttccttac ttggggggcc tttctaaata 900
aaccttttnt tttcaa 916

<210> 1716
<211> 991
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(991)
<223> n is a, c, g, or t

<400> 1716
tnnnnccenn ctggagctcc acccgcgng gcggccgctc tagaactagn ggatcccccg 60

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ggctgnaggn tttttttttn gnnngggnca ttnactttaa nancnctaca tttcccangt 120
tatccccang gaangtaa at tcaggtaga cgaganttca cangtccanc aaagcattct 180
gngatatncc aaagttnngtn taangtctga ccaanccagc tngctcatca angacttcca 240
tngnagggat tttatttagt ngangatnct ttggganaaa ataancatnc ngcccacatt 300
taaaangggg ttttcatttn cttttgcntt ancacttaaa atncatgttt caaaataatt 360
taaaattatt ctaatntanc agcagcaaaa tataattctg canttntctaa anagctaaaa 420
ggganccnca agttaagttn ctctcatgtt tatgattcta aaataaatnc tacttcaaag 480
nggctctgtt accagctttt tagtttttgg ttaaaaacnc nncagactt gcaggagggt 540
ttataanggg ggattccatg cncgtgtctg gaaagggttc ctcaagagcc canccngccc 600
ttaaaacagt nctcagtcn caaggccgnc anaaaggtag cattaacctg gggnaaaata 660
ggattcctac ctttccttca aaagcctttg gatnttctgg cagcaactgg ggnnctttt 720
ccaggatggc cttggtgncc ttnttttaaa antaaatttt cacnanaaan aatttaanaa 780
aggggggncc ggnccccct tttcaagnn gnttttnaaa agggggccctg gttnttttt 840
gggggcnngg cccggncccc cccgggaang ggccccacc ttgggggacc cattncccc 900
cntnaacctt ggggccccn cgccaaaaa naaacccctc cnaaaaaaggg ggggncccca 960
tttttcaaaa aatccccccag gttnttttgg g 991

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<210> 1717
<211> 899
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(899)
<223> n is a, c, g, or t

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<400> 1717
ancaacagct ggagctccac cgcggtggcg gccgctctag aactagtga tccccgggc 60
tgcaggtttc taccattgc ctgcggtcat ttctttatct gagctctttg gtttgatgtc 120
acctttgacc cagaaacaga gatatcccct gatatttttt tcttcatatt tctctttctt 180
tccttagccc gtaggttttg tcagttttga cagtcgctca gaagcagaag ctgccaagaa 240
tgctttgaat gtaagtacga atgatgttca tcttcgaggg tttccgtatg aggtgaaggg 300
aaagtaatcg agtctctttg gacaggaaa ccaatggaag ggatgtgact acttgatcta 360
agaggaacgg actctaatta gccgcataaa gagattttgc ctaaaattgt ggtagatgt 420

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gcagactatt aaataacact ttgctcgtct ctagccctta ctgtaatgct caagataacc	480
tgatgctggg gattttatatt taattcagcc caatcacatc ccatgggtggg tatgcagttt	540
acttcagccc ccattatatt ctcagtggct aaccccaagt caagaataga tcaaaatctt	600
ggctttcctt aacacgtgan ggttttaact tatgtggctt ttaagggctt ccctggctgn	660
cccnttgggtg aagactctgg gttnccaatg cacangcacg agtccatnc ctagtcaggg	720
ctgnctaaaa atatattttt naaaagnatg tgacttttaa aaaaaaggtg gaggccttta	780
ttctggattg gatttaaaaa ttgcatactt ggnttcccca gtaaaccattc cgcanttggg	840
ggggcataaa naaaggattt cctttttcca aggcccgaaa ggggaaaaag nggaaaggg	899

<210> 1718
 <211> 1504
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1504)
 <223> n is a, c, g, or t

<400> 1718	
ngnntnnena tncctattat taaaannna gtttcennnc nccctttttc tncnatcctt	60
tnnnccnttn ntncenncc ntngggnggn tnttnnttgg ngactatctt gaagncctat	120
nggnncgcac acngtggcgg ccgctctana actagtggtc cccccgggct gcnggcnatt	180
cngccacgag gcaatgnctt cagnncncn ncnntccttt nttgtattnn ggncaatnat	240
tntgacnatg gntcacatna tncganatnc atnactnttg tcccntntag nnttttttnc	300
nnttccttan nttntnngt nantcaatnn gntttcctn cnnngatcnn ntngtccnt	360
tctttnnntn nnnncannnt ntncattttc tttgnttttc nntttnnat ncntggngnt	420
tangtactcc ctagangntt tnnncnnngt nggnnttngt tngntcttnn antccttncc	480
gnttnttnn atantatnac ngnnnagaat cncnatnaac ctnttnnact nntttnntt	540
ctaangacna ntgctnnttc ttttnnctnn nttcnntnn gtcnnntggt nttttgtnt	600
tnacttttgt tngnncttac agnnttntnt gnnntgngna tcgtctcatn ngtttantnn	660
annttcnctt tgttgnggtt cnnttntngt ntcgnantnt ancntanatn ancttnttng	720
ccntatnaan nnagcttcan nncnttantn nactnctgan nnnataatnc gaagatcnn	780
nancaattnt tttntnctnt ttengacggn tatttntcnc nngcnntnt gcaancctnn	840

tnatngncag accccnattt nttcnantnt angnncgtgn nngnaggant cantanctnn	900
gnnnntgcnt ntaattannt ttctcanntg nanaatatgc tntcnttctn cnnnanatan	960
ncnnntancn ancngttgnc aaacnntttc ttttatnnnc tntcnttcgt nnaannntnn	1020
gattcacnnt natgtnntanc tnntttgtgn ngcnnttant anttactata tctgggaaan	1080
natantntgn ctagtntnta gntanagcan tttcnntnecg tattatcntt tccnctcca	1140
nnntntntna tntnatgnga atncntnta tncgtncntc ntntnttact tnatngtcta	1200
taanantntt tntatncttc ttnacttat atattnatct cnnnactgtg tnantctgag	1260
ntganatcga taatactacn actttatatn ntttagntnt antgngncgc agtgtntgag	1320
nnanatntgt gtgtgaatgt tatctgtatn ttgttanaca atancngtat attaacttat	1380
ntcgncgtn tacngtcgct ntcgngnacg tnatgagnnt cgtganntna ttncganat	1440
nttagatntg nganttnaga nacntgtttc gentcgcgcg ctnggattga ntatntntn	1500
tncc	1504

<210> 1719
 <211> 983
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(983)
 <223> n is a, c, g, or t

<400> 1719	
aannctggag ctccccgcgg tggcggccgc tctagaacta gtgggatccc ccgggctgca	60
agggcgnccg ttctggccgc actgcgctcg ccctgagctc cgggctcctg ctaagccagc	120
gccgntgtcg cctcctcca gtcgccatca tgatcatcta ccgggacctc attagccatg	180
acgagatgtt ctccgacatc tacaagatcc gggaggctgc ggacgggctg tgtctggagg	240
tggaggggaa gatggtcagt aggacagagg gtaacatcga tgactcgctc attgggtgga	300
aatgcctccg ctgaangccc cgagggcgaa ggnnccgaaa gcacagtaat cantggtgtc	360
gatattgtca tgaaccatta cttgnangaa accnnttca caaaagannc ctacaagaag	420
tacatcaaag attacatgaa gtcaatcaga gggaatcttg aanaacagan accagaaaga	480
gtntncttt tatgacnggg gctgcanaac aaatcaagca cattcttgct aattaaaaaa	540
actatcagtt ctttattggn gaaaacattg aatncagatg gnatggttgc tctgctggac	600
taccngagg gatggccna ccccatatat gattttctnt anggatgggt taanagangg	660

aaaaatgtaa cnaggntggc tnttctttgg atcnatccct gtcancataa ctggggttggg	720
tntctggtttt cttcccnccn caccntngaa ttaaacagat gggactggan gncatctnna	780
ncttttttnt ttggnttgaa acgttnatta attgggagcg gngngttttt ttttttgaaa	840
aaaacngggg ttnggggggt ggntaaaaaa taaaaccctt tttaaactcn aaaaaaaaaa	900
aaaaaaaaaa anttnggggg gggggccccc nccccattt nnnctttnnn nnggnannnn	960
nnntnnaann nnnnnnnnnn nnc	983

<210> 1720
 <211> 1361
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1361)
 <223> n is a, c, g, or t

<400> 1720	
actngcagaa gtgngnnccg angnacgacg tgacacnnnc nacncttgcn ancncccatc	60
tggagctgnc actnacantg gcaggecgct cctannacta gatggcttcc cccnggtct	120
ggcangtaag tngntnannc nggtntttnn ggtagaantc ntncctatcg gagnaccacn	180
ncccngngn gnnaagtctn ngcnccnntt ntgnttcnn cngnagnnt ngttgaggng	240
cgtgnnngcg ccantannan ngnnnnngnn cggnggccnn nnagnngnt ntgngngttn	300
atnnngnnag ancggngggn naggnaannt cannnnanng ncctgttnn gagccngng	360
gnattntntc nctagngcn agntncngng ttgacttgnn nttntntnn ngatncccc	420
gncncgcggn cnnnnntct nnnccanng anctggnnnn cgnncaccnn aattcnnngn	480
tntngtcggn nngntcngtg natntgtag tntnantnnn cggtnntnnn ggnangnctn	540
ngnnatgngt ggntnnngnt nnganngtcc gnntancggn tggnnncngng ngnggggccc	600
ntnannngn cnannnnncn acnnntnana angnnnatct ngcnantna nannnnngc	660
naancganan nntntannn nngnntttnn caanggtng tnnntgtnc gngccttgng	720
gnnccnnccn ntntttatcn nnnncnctaa nnatcntgnn ntgtntncta nngntngng	780
nngtgcntgc cnntttctn cnntgtcnng tngtacnag gctgngngcn agnnnnnnn	840
ngcnnctnna ngatctgtag ncancncang cnattncggn nantcatacn tncatcttna	900
ctacctggtt nagnncnctn caagtctaca tntgnntggn acaatccnct gtntanggn	960

cgaggcgctt nacttacna agtttnnagt agnntcnant cangaggacg antgcnttac	1020
nnactcnncg cncngccgna nctncanncn gcancnagtn ntgtnttatt annngtnttn	1080
gcnagantnn ganancacng nantngngtt gtncgcgcnc tcnnacnncn ctgccncanc	1140
cgannacgnc gnnngncnng gtgtccnggt gancnnatac nnnaganana gntcnctncn	1200
gannnannga atanntcagc agtgcaccan tngcatgncg cgcanatana cncgactncg	1260
ntcngtgcca cnantgtntn atnanagnnc gatcgcgtn cgcgccgcng anactcnctn	1320
tgnntttntg ntatncgan canatncang cncncgcgcc c	1361

<210> 1721

<211> 979

<212> DNA

<213> Bovine

<220>

<221> misc_feature

<222> (1)..(979)

<223> n is a, c, g, or t

<400> 1721

ttnagccnat nnggagcngc annncngtgg cggccgctct agaactagtg ggatccccc	60
ggctggangn antnnggcac gaggcagaag ttgtgggagt tancagaaaa aaaggtgncc	120
agcccacaaa acataaagng ntcactatgt gagccttcn anagnntca ctgatccntg	180
ctctaaatgg gcctcattct ggggctcgag ctgaccaagc ggatatcacc tangngggg	240
ctgntcattt anggaaatga aaaagtagga caagncactt acaggccctt taagcactct	300
cactggccag ggcaganccc atggccaccc caagcccagg gagtgtgatc cttccgcgtg	360
ccttggaaga gaagcagaga tatttggaag acgatactac caactaacac atagctgtat	420
ttctctctct ctacaaaatt tcttttgaaa gtatTTTTTc tttttaattg cggngaaatt	480
taccttcagt naaatgcaaa gacttagtgc acaccttgta gatntttatg tgcaccctan	540
aacccatcaa ccanatcaag aactgaacg ctttcacacc ctggtcactg ccncgcctat	600
gcacaccgc agcctgccac aaataaccac tggctctgac cgttatcacc agaagatatg	660
gttggtttta aagcttcattg taaaaaaatt ctggggactc ttgctcaaca ttgnatctgg	720
ngaagtnatc catggtgggg atcaatttat taaatanctc ncttgtaggg gtcctggcat	780
ggngacttaa aaaccacngg tttttggaat cccttcctac tgggtggngg gaaanttttg	840
ggtttgnnt ccaancttgn tagttggttn tnnaaataaa aggtnccttc cnnaccnncn	900
nnnnnnnnnn nnnnnnnnn naaannncnt nggggggggg gggnggggnc cnccaaaann	960

nccccccata ttngggggg

979

<210> 1722

<211> 979

<212> DNA

<213> Bovine

<220>

<221> misc_feature

<222> (1)..(979)

<223> n is a, c, g, or t

<400> 1722

tttagccnat nnggagcngc annncngtgg cggccgctct agaactagtg ggatccccc	60
ggctggangn antnnggcac gaggcagaag ttgtgggagt tancagaaaa aaaggtgncc	120
agcccacaaa acataaagng ntcactatgt gagccttcac anagnntca ctgatccntg	180
ctctaaatgg gcctcattct ggggctcgag ctgaccaagc ggatatcacc tangngggg	240
ctgntcattt anggaaatga aaaagtagga caagncactt acaggccctt taagcactct	300
cactggccag ggcaganccc atggccaccc caagcccagg gagtgtgatc cttccgcgtg	360
ccttggaaga gaagcagaga tatttggaag acgatactac caactaacac atagctgtat	420
ttctctctct ctacaaaatt tcttttgaaa gtatTTTTTc tttttaattg cggngaaatt	480
taccttcagt naaatgcaaa gacttagtgc acaccttgta gatntttatg tgcaccctan	540
aacccatcaa ccanatcaag aactgaacg ctttcacacc ctggtcactg ccncgcctat	600
gcacaccgcg agcctgccac aaataaccac tggctctgac cgttatcacc agaagatatg	660
gttggtttta aagcttcatg taaaaaaatt ctggggactc ttgctcaaca ttgnatctgg	720
ngaagtnatc catggtgggg atcaatttat taaatanctc ncttgtaggg gtcttgcat	780
ggngacttaa aaaccacngg tttttggaat cccttctac tgggtggngg gaaanttttg	840
ggtttgnnt ccaancttgn tagttggttn tnnaaataaa aggtnccttc cnnaccnnt	900
nnnnnnnnnn nnnnnnnnnn naaannnct nggggggggg gggngggngc cnccaaaann	960
nccccccata ttngggggg	979

<210> 1723
<211> 996
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(996)
<223> n is a, c, g, or t

<400> 1723
ttnancncta tctggagctn caccncngtg gcggccgctc tagaactagt ggatcccccg 60
ggctgcagga attcggcncg aggnccgtnt cgtatngcct nnnnnngatn nntgcagggn 120
antnnnnnt nacctnaagg anaanncctg nctccganag aanctgcaag gcggncctc 180
cgnggttngt ccnctgttna ttnactang aaaacccan aacnngaaan tgcttngccn 240
gccgggccnn tncnnttttt tngngctntg aaccaataa anntaaatnt nngtnnaacn 300
naagntntgt tcancngntt taattcctnn gtcaagnan tncgnttgan naaaaancag 360
cnttaaaaat atcngngata anaacaattt gagggcnatt cctntttntg necagnnggg 420
antgtanttt nggngtncan nctttgtctn gggntagggc cgaaaccttn tgtnttnnnc 480
ccctgggntt tccnancctg aaaaaangaa ttncggggg gnnccctncc cncnaagcc 540
cnnntnnttt tgtntgtttt annggaagac ctttttcann tttttaaac ccnccnggg 600
gccaancctc ttctcntng gggcccancc cnacnttgn atttntttt gggnaaaaaa 660
anaancgcn gnaanntgtg cttttttnt ntgccccgag atttncnttt nataaacnc 720
ctggggntta aaannaccct nggncnctn tnttttttt nanaannatn agnggaaan 780
gggggnnaa aaaaacaccc acaccantt ttttgnatg gggggtttt ttgggggggn 840
tntctcaaaa aaanaaaana ttttngngc ggctnttttt tagaaaacnn caaccatctt 900
tttttttga agaagggggg nnaanaanna ggccctncnn caanttttt ttnntgggg 960
gggnccccc ccncccca ctattttnt tgggtt 996

<210> 1724
<211> 911
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(911)
<223> n is a, c, g, or t

<400> 1724
ttnnnncnnc tggagctccc cgcggtggcg gccgctctag aactagtgga tcccccgggc 60
tgcaggaatt cggcacgagg ctgacgagta tctttcacat gattaaccaa aaaatgcatt 120
actgcctttg gcacactgca aagcaatcaa ataatccatt tatttgagaa taaaaaccta 180
aattttaaaa aatacatata ttttcaaaac gattaagaaa ttatccagca gtattctagt 240
ctgatttata tacataatac taacctgtct tgaatattct ttctgacaat aagaaaatat 300
gatttgatga gtcgttcaat aacttcacag tctcgctgtt cacgggcaga tagttttcgt 360
gcaacaggaa ctggctaaat tgggtgaggg gagaacaaat ttaccgttgt gccattttga 420
aatgacaaca cgtaacagta cgtttttgag ataccagttc cttctgtctt ttaaaatgct 480
ttcttggtaa cttggttctt tgtcctcaat cattctacag cttaccaaat tctacagctt 540
accacatcca gcaaattcac agcgtggcct ttttgtggac tggctggcat aattggaatt 600
ggttttgatt tttcctcagc tagtaactcc tcagcttttg gaagttttca gcattcctct 660
ccagttgnct ggtggtggnt cttggaacag catntncaac cccaccacct tcagatgcag 720
cctgaaataa catgttccaa acctgtacca accatatcaa ctggcattat ctaaacaagg 780
ttantttttt ggtangcgtc aaggaaaaac cctctaattc catntggagn ttaatctatt 840
aaaaaaagcc nggtcaaaaa naaatgggga ctgggcttgt ccaactggaac cctggacttg 900
cttaaaaaaa a 911

<210> 1725
<211> 1034
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1034)
<223> n is a, c, g, or t

<400> 1725
ttnnancnct atctggagct ccaccgcggt ggcggccgct ctagaactag tggatcccc 60

gggctgcagg aattcggcac gaggnccgtg ttntgcntcn aannctgcta cgctancncg	120
gtnaangctc agnaantgga nntgntatgg tgaacgctac tgacntcttt tctgtctccc	180
gttggcgcnt nttgataact nattctgacc cagtgactgg gccagntcaa tgcgaaccat	240
ttnttttatt atgcgnnant ggatgngnnn cggggntcaa agcctttatg agaanntcta	300
ccgttctnng ctnnangcna agggaggagt aaattnnt tttgcagctg gaccngnnnn	360
tcttggncaa nccacgctcc atctggtttg aagactattn aaattggcnn ttcttgaagn	420
tnngctcgaa gnaangggga tggngatacc caacttcnga angcggcttt ggnnttgga	480
ananagann ccccttntn nngagaaggc ctnttttnaa tnccgatna ggcagaaaaa	540
cttnatttgg atggttgggn atggttnna cttttgtccn ttganctgga nnttgatga	600
cctttctaag aacaaaaggc ncagggttaan tttntgcna atttncattc cntgaaacc	660
ngaaaggnaa ctttttaatt ntgtgctggc caaanatcca aaaaanttnc ttttnaaann	720
aattanaagg ggggganttt naccggngg ggtttttaa antggtnagc caattnttt	780
ttttnttttg gnaaantaat tttttcccc gganaaat tttgnggggc ggggcnnngg	840
gaccctttn tttcnnaa acnttttnnc ttnnaaaana atttttttt tnaaaagggg	900
ccttttttt tcnntttnc ccncccaan anggggaaaa naaattntc ccctttttt	960
tngccnccg ggnccangct anccccngg aaaaangggg ggccattnt ttttantnt	1020
cacnnnttt ttgt	1034

<210> 1726
 <211> 946
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(946)
 <223> n is a, c, g, or t

<400> 1726	
ttnaaaaaag ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atccccggg	60
ctgcaggaat tcggcacgag ggcacactgg cggaaacgga ggctcgcttc ggagcccagc	120
tggcgagat ccaggcgctg atcagtggta tcgaagccca gctgagtac gtgcgagctg	180
acaccgagcg gcagaaccag gactaccaac acctcatgga catcangacc cggctggagc	240
anganattgc cacctacna aacctgctgg agggccagga tgctacttc aacgacctgt	300
cactcgcgaa ggccctctga gtctggcggc ctctggctt tcccgtctg ctgcagaagg	360

aattctcctg ggtaagaggc atgggagggg agggaccctt acccttgcct ctccccctga	420
cctgccaaata aaactttatg gcccaaagga aaaaaannat tntgnaanng ntntnnanan	480
nnnnnnntnn nnatnnnatn nnnnnnnnnn nnnnnnnanan nnnannaaaa aatngggggg	540
ggggggggccc ccccatntn cttanaggg gngggnnnna aaaannnnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnn	946

<210> 1727
 <211> 1014
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1014)
 <223> n is a, c, g, or t

<400> 1727	
aaanctggac tccaccgcgg tggcgggccgc tctagaacta gtggatcccc cgggctgcag	60
gaattcggca cgaggcaagg acttcactgc caccttcggc cccttgga gaacctcaatac	120
gcgcctcttc ctgcagggac ccaagattgc agaggagttt gaggtggagc tggagcgagg	180
caagacgctg cacatcaaag ccttggccat aagtgcctc aaccggggcg gccagaggca	240
ggtcttcttc gagctcaacg gacagctgcg gtccatcctg gtcaaggaca ccagggccat	300
gaaggagatg cacttcacc ccaaggccct gaaggacgtc aagggccaga ttggggcacc	360
catgcccggg aaggtgatag acatcaaggt ggcagcagg gccaaggtga ccaaggcca	420
accctgtgt gtgctcagcg ccatgaagat ggagactgta gtgacctcgc ccgtggagg	480
cactgtccgc aaggtccacg tgactaagga catgacgctg gaggtgacg acctatcct	540
ggagatcgag tgaccacgct gagactggca gcctgacat ccccgccct gccttcagga	600
cactgtgctg cagggcaggc ccaggccggc cagtgccga ggccaggaag gccttgccc	660
tgcagctnct gtccgcggct ttttacggca ngacagactg gcttgtggcg gtccatttcc	720

ccaccttccc acccatntg tncntttcct tgcggtcgac aagtcgcttc acgtttttca	780
ttcttctctgg ccaaataaaa ggtcccccttc ctttgcttgg aaaacttgca agtggggccct	840
ggggccccgt ggggaaccan acctaggggg tgctacctcc tgcaggggaa naacctgagg	900
gcccaggttg naaaaacttt gttcaataaa aaatgggttt ccccnccctt caaaaaaaaa	960
aaaaaaaaaa aanntggggg gggggccccg gcccccttt tcccttttan aann	1014

<210> 1728
 <211> 1038
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1038)
 <223> n is a, c, g, or t

<400> 1728	
gccnatnngg agctgcacn cngtggcggc cgctctagaa ctagtggatc ccccgggctg	60
cagggnntagt tttttagggg gataaatacc acccaaaacc caagctgcct gcagctcttc	120
ctccgtgggc atctctcctt cgcttaggta actgaacctg cattttccac ctaaacaag	180
acatgccatt tcctatagct gctcagcagg ctgagtttat ttcagaccct tcctcanagg	240
aacaaaggcc ggagacacag ggctgcctgt cactcatttc tttttgttat tgnngcatcc	300
ccaccctgc cccagcaaa actcacgcat caaaaaaaaa aaaanngttt ntntntntnt	360
ngtnttnna ntttttcnng gnncnnggtt ngcnaanttt tгнаaccng gggganaaat	420
naccnaant ttngcttttt ggangncccg ggccaactnc ccccncaang ggaangnccc	480
aaaaaggggt tnnttttaaa ncttntnttt tngacncnn ggnnaggnat ttgtnnncaa	540
ancttttttt atatnnnttt ttngaaaaa aanttttttn ngggcccttt tttttactcc	600
gggnnggna nncnnngna nnaggntttt naanaaccgg gggggggncc ttctttttnt	660
tttngaangg nngggggaaa aancnnacc cgntaaantn gattttttng ggcccctana	720
ttttccccg cgnggggnnaa ccnntagtn gannggggn gatnccngn ccnatnttn	780
nntanctnng gggnnnataa aancnntncn ggngnnaaag gaaaaaaaa nttccccntt	840
acccgggggc ccgggggntt tnntccttn ncaaanggn tttnttttn ntnnttccn	900
cccccccnt tanaaaaaaaa aaatnttnna agtggngggg ggnngnggcc cantctnctn	960
tnataaaaaa anaaaaaanc ccctcccnnc nngtgcccn ggggaanntn gtttctccca	1020
anccctaaa aaaanagg	1038

<210> 1729
 <211> 1353
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1353)
 <223> n is a, c, g, or t

<400> 1729
 tncccnatga agnggncncn nntnacnnan ncgctngctt naactncttt nangcccnca 60
 tannggagtn cgcattacag tggctngtcc gncctanaa cttgtgcgan nccccnnggn 120
 ctgcnancnn tcnggntgct ctngtcatng aanantgnca ngncctctgc gctnngnca 180
 ctcnntnna tnttacnttg cgggnetctt tgtgtcctnt acgntnntnt tntgangnngn 240
 tcncccnttg aanntngnnt ctggcntagg tntngntnag nntttntnnt tttctctnngn 300
 ncangcncn cncnncnaga tatttncccg nnannnttat ntaggnaggc ccnaaatgtc 360
 cnttctctnt tatgganctt ntntccanan gnntntacna aatntntnan ntntngnccn 420
 aacnattcct ncagatnnt ntnggnatt tntcttgann tctatcnnan nnttgtcnc 480
 nttntctann annaccnccn cngnctccct ttnatnctgg nagegcccac annaaanngt 540
 gcatttggtta tntnccctnn aggcactttg gnaatctntn cggntttntn tnnngtacnn 600
 nngatggtgn ttctncnag ntctnnatna nnnannanct ngcnnnanc tganccntnt 660
 ttntgnttng cnatntana agnannncaa ttntnaatta catnnnccta aagnngccct 720
 ncttnncagc naccntcat nnttttance ncncggnetc cccgtctcgt ttcattnctt 780
 tnttannnt nntnnnta aataatngtt tcttnattnc tncnngcnn aagnancgnc 840
 acntntcttn cacctnnntt nncnncntnc ncngnattcn tnnncnnnc nntcnntnct 900
 cngtntatnc ccncgacag caanancnat tgcattctgn nttcnnccac gcgctcttaa 960
 ccnactacnn cncnnnngnn tcttctntn nntagcann nncnanagnn canngcnaca 1020
 cctttantta nttcngttaa nncnngnttn tgetgntcan cngngngnc ctntgtatca 1080
 ncntgcgng ctncctnnan canccctngn cannaattnc gtgnanntac tnaattcanc 1140
 tcattctnnac agtctctct gnttgntntc anntatnntn nantggngac ntgggcnccg 1200
 ntentnceca ctnatngnn gtgtcnnatc tcntntntac ctnnncnntg tctncntttg 1260
 ttntgcatt ntanaaact ctgnntcgtt ancnncnt nctactatgc tntcatctct 1320
 ntgtttcngg nnatnatnnc tctttctnt ncg 1353

<210> 1730
 <211> 1263
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1263)
 <223> n is a, c, g, or t

<400> 1730
 tttagagncct nnaggggang tcgtaattnc nntggagnac ngctctagaa ctangtggat 60
 cccccgggct gcaggnaatg gnggcacgag gcaatatng tgagcmtcta cnttangacn 120
 atngntncna agcgggnna tnccttantg tgntcnactt tncagatnc natacnenn 180
 cagggcntna ctngtncng attgctcta natnggnacn taancncggc nctacnanc 240
 ncncttatcc tagnnacnc accntagaca cngtngnntn nntannht angnnnnac 300
 ngacacncng tgaggctct gnnnagttna cncncctnc tcttanaann anttcttnc 360
 ctgnacaann nncagnaatc nttntngttn aaannnagta gcnntcnna tnttctnaat 420
 ctctttctc ttgctntang actnaaaaaa ncnnnagnt tnaanacna nacagnnacn 480
 annngcttt tntanagann canntncgc gacntgtang ntntgnaaa tngncganaa 540
 attncnngnc gncangcacn actntttnnn ttttctant cccggtnaaa tntttaacnt 600
 ttncncctc actnactcn tcaactnnn ancactcna gtanngncaa ncgncntct 660
 tgntncnncn acttatant tcnannann aacantntc ntctacantn ntntctngtc 720
 tgnnatncat acgcnagnn ncatctnnng cngtctant atnnacctnt cgnccncta 780
 ganngtncnc gatncnaanc atnanttna tcgtggtant cnnnnatcn ncaaattnn 840
 nngntnccc ntgntctcn nnagttctcn nntnnatnn nacnangtcn angtnntt 900
 actacnngtn nnanagttga nantcnanan gnnncancgt ngcgtctcg tanaatggnc 960
 nnnntaatc ncnactan gtcnnangct ctccngtac ngcnatacat gtacanttn 1020
 ntcnngnna gcggncnt nntntactct cctnactann nnnangttan cctnangta 1080
 caacncgtn gacnttntn nangtatgaa gannntgtn ttannannc gtggatnctc 1140
 nangattatn cctantcaan tagntctcn cncanganc canaatnnn acncancag 1200
 tatgtcannn cnnntgtacg ancaggnnc naccgtnn ntntncacg tngctntcat 1260
 ncg 1263

<210> 1731
 <211> 1263
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1263)
 <223> n is a, c, g, or t

<400> 1731
 tttagagncct nnaggggang tcgtaattnc nntggagnac ngctctagaa ctangtggat 60
 cccccgggct gcaggnaatg gnggcacgag gcaatatng tgagcntcta cnttangacn 120
 atngntncna agcgggnna tnccttantg tgntcnactt ttncagatnc natacnennn 180
 cagggcntna ctngtncng attgctcta natnggnacn taancncggc nctacnanac 240
 nccttattc tagnnacnc acctagaca cngtngntn nntannnt angnnnnac 300
 ngacacncg tgaggctct gnnnagtna cncncctnc tcttanaann anttcttnc 360
 ctgnacaann nncagnaatc nttntngttn aaannnagta gcnntcnna tnttctnaat 420
 ctctttctc ttgctntang actnaaaaaa nccnnnagnt tnaanacna nacagnnacn 480
 annngcttt tntanagann canntncgc gacntgtang ntntgnaaa tngncganaa 540
 attncnngc gncangacn actntttnn ttttctant cccggtnaaa tntttaacnt 600
 ttnncnctc actnactcn tcaacttncn ancactcna gtanngncaa ncgncntct 660
 tgntncnncn acttatant tcnannann aacantntc ntctacantn ntntctngtc 720
 tgnnatcat acgcnagnn catctnnng cngtctant atnnacctnt cgnccncta 780
 ganngtncnc gatncnaanc atnanttna tcgtggtant cnnnatcnn ncaaattnn 840
 nngntnccc ntgntctc nnagttctc nntnnatnn nacnangtcn angtnctt 900
 actacnngtn nnanagttga nantcnanan gnnncancgt ngcgtctcg tanaatggc 960
 nnnntaattc nctnactan gtcnnangct ctccngtac ngcnatacat gtacanttn 1020
 ntcnngnna gcggncnnt nntntactc cctnactann nnnangttan cctnangta 1080
 caacncgtn gacnttntn nangtatgaa gannntgtn ttannannc gtggatnctc 1140
 nangattatn cctantcaan tagntctnc cncanganc canaatnnn acncancag 1200
 tatgtcann cnnntgtacg ancaggnnc naccgtnn ntntncacg tngctntcat 1260
 ncg 1263

<210> 1732
 <211> 982
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(982)
 <223> n is a, c, g, or t

<400> 1732
 tnnagcncna tcnggagctn caccncngtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga attcggcacg aggtgactat tctcaaccaa ccataaagat attggtaccc 120
 tttatctact atttggggct tgggccggtg tagtaggaac agctntaagc cttctaattc 180
 gcgctgaatt aggccaaccc gganctctgc tcggagacna ccaaattctac aacgtagttg 240
 tanccgcncn cncattngna ataatcttnt tcatagtaat nccaatcnta atgggaggat 300
 ncggtancng acttgtnccc ctaataatng gggctcccgga tatagcattt cccnaataa 360
 ataataaag cttcngactc ctccctcctt nattctact actcctngca tcctctatag 420
 ttgaagctgg ggcaggaaca ggctgaaccg tgnccctcc cttagcaggc aacctagccc 480
 atgcnggagc ttcagtanat ctaaccattt tctntttaca cttagnagga gtttcctcan 540
 ttttaggagc catcantctt ctttacaaca nttatcaaca taaggccccc cggaggggnc 600
 caataccaaa cccctttggt cgtaagancc ggaaanaatt accgggcgga ntanaantac 660
 ttttcgctcc cgtggaatna gcagnccggg catccacaag tgnnttttaa caagcccggg 720
 aaccctaaaa naccaccctt ttttccaccc cggggngnga nggaggaaan ccctnttttt 780
 tattatcaac ccntttnttn ttgaattntt ttgggncccc cccggaaggn nttttttttt 840
 taaatcccn cccngggggg nnngnaaaaa atttttttta ttttgggggn ccctcccttc 900
 ctgggggaaa aaaaaaaaaa ccctttccgg attttttggg gaaanagggn gggggcctaa 960
 aaagggcaaa accgggtttt nt 982

<210> 1733
 <211> 972
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(972)
 <223> n is a, c, g, or t

<400> 1733
 ttanancna tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga attcgnnacg aggctnancn ataccgtnga cntcnngggg gggccccgna 120
 cccaantnnn cctatagtgn nncntattnc angnccngnn nacnnngctt nnncnncagg 180
 gtntgtctnn ccanttggnn cnagannacn tgngcattgc agctcaggac tnnacngggt 240
 nngaaggtna catnngnatn attnaccttt aaaatnanc ntgcncatcat ggctntgttt 300
 ntnttggetn ttgccccatn tgatgancac tnttangtgn ntnaccttgn acctgatcan 360
 tgctnccnc tnnatnaatgc nttgcttctt nacanngac agnacttaca acattntnta 420
 actggntcna cccgnntnan tnanaaaaga actngtgnta accattttan aaatccangt 480
 caccnnncta ttnagngat nnatgtgtat nnggaaanga tcnntacatt atcaantgat 540
 nagaagccct gtntnncaat gnacattnta cntnatnttt taatatgnng tacnataaaa 600
 ttttaacatt tggcggacnt tgactgcttt gttaatgatt tgcngggggg nnnnngcacn 660
 ccttttggn gggngnncg ggggccnaan ttngncnttt tntggggggn cntnaaaan 720
 nnnnnnnnnn nnnnnggngg nnnncncnnn aannnaannt nnnccaaann tnggggnaan 780
 nccccnccc ntttttggn nnnnnnnnnn ncnnnnnnt ntntttttnn nnnnnnnnnn 840
 nnnnnnnnc nnnnttccn nnnntntng gnnncnnann nnnnnnnnnn nnnnnncnn 900
 nnnnnnnnnn nnnnnnnnnn nnnnnnnngn nnnntttnnn nnnnngnnnn nnnnnnnntn 960
 nnttnnnnnn nc 972

<210> 1734
 <211> 990
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(990)
 <223> n is a, c, g, or t

<400> 1734
 ttnnnnctta tctggagctn caccncngtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga attcggcacg aggcncnnna atncntntnn tagntgtntg ganncacang 120
 ccggnccctnn atatcngttc accanactgt gantcatnaa cacnaagctt tctncctagg 180
 tttntaatag gcnatttcga attagannag nctgtggntt gaactgcang actacagagg 240
 ttngaaaaat cacagtnacn tnancccccn agaagngcat cccccctctc ntgnctcaag 300
 tctgnctngg ctgttcgccc natcggtgaa cacttttaag gttctgnctt tgcncctggg 360
 tcaactgntac ccctcnctta aatnattaac cctcctgaga gctcacagnt actcgttgat 420
 atntatacct ggnttnacca aattgaatga aaangganct tgtgcaaana atttaanaaa 480
 ccgntntcac nacgtnttgt aagagatcnc tgtaatnggg aaangtcctt tactttatca 540
 attatgtaag gcttttctat atcgaatggg ccttnntnca natcattcat atggnganca 600
 naaaatttta aaattaangg gacttgactg nttttgtnaa ngatttccan nnaaaaaaaaa 660
 aaaaancntt gggggggggg ggccgggncc cccattncc ccnntntng ggggngncnn 720
 naannannnn nnnagggggg gggggggggg tttnttncc ccnaaaaaan gcnttttncc 780
 cccccccncc ccnnnnncnn ttttttnaaa ancnnnnann annccctttt ttnnntncnn 840
 ttnggaaaaat cccccgnnnn nnnannntt ttnnnntngg ggaaantcnn nnggggggna 900
 aaaannnngn tcttttnncn cgtntnnan nnnngggggg ggccccnnn naaannnnng 960
 gggggggggg nccccctccn tggnccttc 990

<210> 1735
 <211> 946
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(946)
 <223> n is a, c, g, or t

 <400> 1735
 ancaanagct ggagctccac cgcggtggcg gccgctctag aactagtgga tccccgggc 60
 tgcaggaatt cggcacgagg ggtggctgga gatggtagtg gagaggggag tgtgggtttt 120
 ggagtcgagc agacaagtat aaacctcat cctcttgta ctcgtagctg ctccctgttg 180
 ttgtaaagat taatgacatc atgtgaagca ccagcacacc atcatcataa caacaatata 240
 taactttatt tagccctata gtgagtcgta ttacannnnn nnnnnnnnnn nntnnnnnnn 300
 ntnnnaannn nncnnnnngn tggnnngttn nncnntnctn nnnnnnnngn nnannnnnnn 360
 ncnntgnnnn natnntnnan cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnncnn 420
 nnnanncnnn annnnnnnnn nnnnnnnnnn ntnnntnnn nnnnnnnnnn ntnnnnnnnn 480
 nnnnnnnnt nntnnnnnnn nntnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnn nnnnnnnnnn nnnnnnnnnn 600
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnctn nncnnnnnnnc 660
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnntn 720
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
 nnnnnnnnnn nnnnnnnnnn nnnnnnnntn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
 nnnnnnnnan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnannn nnnnnnnnnn 900
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntc 946

<210> 1736
 <211> 978
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(978)
 <223> n is a, c, g, or t

 <400> 1736
 aaagctggag ctccaccgcg gtggcgggcg ctctagaact agtggatccc ccgggctgca 60

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ggaattcggc acgaggcttg aagatcagcc gccatcatga acgacacagt aactatccgg 120
actaggaagt tcatgaccaa cgcactgctt cagcggaaac aaatggtcat cgatgttctt 180
caccctggaa aggcaacagt acctaaaaca gaaattcggg aaaaactggc caaatgtac 240
aagaccacac cagatgtcat ctttgtatth gggttcagaa cgcattttgg tgggtggcaag 300
acaactggct ttggcatgat ttacgattcc ttggattacg cgaagaagaa tgagcccaaa 360
cacaggcttg cgagacatgg cctatatgag aagaaaaaga cctcacgaaa acagcggaag 420
gaacgcaaga acagaatgaa gaaagtcagg gggactgcaa aggccaacgt tgggtgctggc 480
aaaaagtgag ctggagattg gacaacagaa ggagtaaaga ttctgcagtg actgtatctg 540
tgggtgattgt gcagattttt catgaaagag agaataaact aagacctttt acaaaaaaaaa 600
aaaaaaaaaa cctngngggg gggcngntc ccnatttccc cttatagnga gntcgnntn 660
nnnnnnnnnn nnnnnntnn nnnnnnnnnn nnnnnntnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntntnn nnnnnnnnnn 780
nnnnnncnnn nnnnnnnnnn nnntnnnnnn nnnnnnnnnn nnnnnnnnnn nnntnnnnnn 840
nnnnnnnnnn nnnntnnnnn nnnnnnnnnn nnnncnnnnn nnnnnnnnnc ncntntnnnn 900
nntnnnnnnn tnnnnnnncn nnnnnnnnnn ncnnnnnnnn nnnnnnnnnn nnnnnnnnt 960
tnnnnnncng nncnnncn 978

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<210> 1737
<211> 1675
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(1675)
<223> n is a, c, g, or t

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<400> 1737
gcncgnntc cnnntactt tttatntant attattatth nttctacant tnntacnct 60
nnaatntcaa ntnanntct acntntntt cttcngttgg cgtncgggta tntggccttc 120
ncctttgann cctatatgga gtcgtattac agtggcggac nntntatcaa ctagggggga 180
tccctcngg ctttcacnat ttctntntat nnnnnntcnn ttaccacca taancccnng 240
ncnnnnntan nanccttcng gctnttgant cacctttaat ttcatcctcc ntnaanacta 300
nttaactaag ncctnnccgn ttncngngnc ttaantnctt nntnttctnt ccttcctnc 360
ntnccnantn tgacactntn nntngnncca gncntntcan tnntantctt nttatncaca 420

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cnegcnnnnc tnttgcnngt ntnantctat ntnagnacnn tcacnnntnc ntctntctgt 480
catttttctn cnnnatnnta ctnttntatn nactncaca tctgtatcnn cnntctncnn 540
ttatttncca gacgntacna ttnnctcnan tatttttgng ctcctnnnt natngatcnt 600
atntttttan ntgnctgacn ccctnagacn gtnnatatna cttnattttn ttnnnntttn 660
ctnncantca nnnngatac tegtatcnca ttgtnnaccn ntctnnnac tgtanncatt 720
tnnctanttn ngntttanan nanatnnctn tnccagatga centttattt tcnattctct 780
ctncatttcc agnntccna natcattatt agncnactan nantcntcca tannaatnct 840
nttattttac ttgactctct ttanncgat anttnccntn ctannntctt ttanaccac 900
tcctntgnch cnatnancct ttnaaenta ctnccegtcg tcttcaent gentctnccn 960
tngnccntat ttnattttgc nntnanccn nntcctnact tcnngtcata cnactngact 1020
cgnatctacc nnttcctatg actcnnnann aggtatcnt cntatgtntn tntgatnctt 1080
cgtaattcnn tcggntnnct nctnntnctg tntttnttt gtantgnnnn tttcnttctn 1140
cnacgtacgt ccatcnnntc ngtnnctttn tngnnnchnat gtnnnnctnn ngacnnacna 1200
antactcneg tgtcntnacn catcgatctc tctcacatat ncttaccatc ganaanttat 1260
antcnncttt gttagtcann tatcatntct nnnnnnnann nttnattncn ctcttagctn 1320
tnnactaagc gngannncnt anatangtn tatctcatna acnccctancg tatattngct 1380
ctctccgtna ctccaactcn tctaattncg gctnnctcnn cgacanactt atgctctatc 1440
cattcctcac antaancatn tgtatcntat cnanggtgc nacgacnana nannattgnc 1500
tgtntntntc atcnacgcac gctctnctnc ctacgntngt tnacgntctn natcaancctc 1560
ncctancnt ntccnntct ctacttatgn gatcctncnc gatttancn cncctgtgtg 1620
atgcnagnct cttngtgat anatacgnnc cctctnatcc nctatncgat ntccg 1675

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<210> 1738
<211> 1472
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(1472)
<223> n is a, c, g, or t

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<400> 1738
ctcgacngnn gcggggtngg ccnggtganc ngctcntgac nccctntnca gccctcatag 60

```

tggagtnCGT attacatnnn agnCGatcc ctnggctgc gntcccnca ngccnnnnC	120
tccctnnggn gntgcnnntnn ctatntttt tcnctntcnn nntctncacn ttctcnannC	180
gccttgncnn nntggngnnn catncanatn tttttnCGt ntcgtnchan cgtcgncng	240
tatnggncgt agngnnnccg gggngngggc cgnccanchn cccgcttatn ncntngggan	300
nccaccnchn cgtncnnccn ctatatccnc nncngtnct ttttgtncg ncccgnggn	360
cngtgtnnn ctctntntn cccccctg cngtnnctnc ntntccntt nttttnct	420
nnntntnca cgcagtntn nCGtcgcnn gtcctctnn nngnnnctt ntntntctn	480
tcntntttt ctacgtantt ggtcgaggnc gnnnnnncca ctccntgctg ttncctnggn	540
gnggangngc cnggcttctn tctgtnttn tcnctcnnc ctncgtctga nccngnttt	600
nnctncac tgtngttta gngccggcnn gcgntgtan ntncacnc tnccttatn	660
ntgcnggcn nctcgatnn attnnctt c annctntca tccccacaan cnnntgntnt	720
cncnacnnC tctntccnt atcncctcac tntcnnatg gggnnntt cctnttnc	780
nnntntntat cttctant ttcctatnt cccgtnnnC ctccnncnat ntncgcgc	840
atngntcct cgtgnnttac atcnnccnt ctggttgctc cntcnganga tncnttaacn	900
cttctncgt gntcgncnc ntnttnca tntntacng ccgntgnc gnnattnact	960
gngntccgc nggncattn ntnttttca tcttnnnat ttcttantnc ntntacnnC	1020
gtggtcgtng taatcagcta nccctcaang tgnctctnt ctcnntnnnn tncgntgctc	1080
tnggcnnct catatgnnt ntntntnnn ntcgantct cncacnttcg tncntgctc	1140
cgcgngtnn gagcgacntt cgttgntcng tccccctc cngttcnntc ctgangngng	1200
tgnccnnnt gntncttnc tttctctcgt tatnttctn ntcgncacn ctcgngngc	1260
nagcganagn actgncgtn anantagtc nntctngca actgangnac ngcgtnatag	1320
tcntatgcc gcgntngng nacatctntc tgnntntnn cnatntggn nngctnnna	1380
ngtnnacat ctgctcgan ntntcactn cgacgcgcg tgcgctcc gacnatnt	1440
ctgntnaa nggntnnntc nantnnca cg	1472

<210> 1739
<211> 936
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(936)
<223> n is a, c, g, or t

<400> 1739
gcctatnngg agctgcaccn cngtggcggc ccgctctaga actagtggat cccccgggct 60
gnaggaattc ggcacgaggc agagttgtgg agttacagaa aaaagtngtc cagcccacaa 120
aacataangt ggttnactat gtgnaccctt naaaaagggc cantggnncn ngnccttnaan 180
gggcennant ntgggggntg ancnnccna ncnganntna ncaaggggg ggntggtnat 240
ttaaggaaat gaaaaagnan gacnagncac ttacngggccc ttaancnct ntnactggnc 300
nnggcnnann ccatggncac cccaagccca nggagtgtga nccttncgcg tgccttggaa 360
gagaancna gatatttga agacgatact acccctaaca catatgctgt gttttctctc 420
tctacanaat ttttttgaaa agattttttc tttttaattg cgggngaaaa ttaccttcag 480
taaaatgcgn agacntaagt gencacntg tnnattttat gtgncacctt taccntcnc 540
ccaatcaaga cactggacgc tttcacaccc tggtgactgt nccgctatgc acacncgcag 600
cctggnacaa ataactgg tgttgancgt gttaacaaga gatatgtttg gtnttaaanc 660
ctcattgtaa aaaatactgg ggactcttgc tcacaattgt tctgggaggt attcntngtg 720
gggatcattt attaatccc ccttgngggg tctggcatgg ngacttaaaa cacngcttat 780
gaanacnttc ctactggtng gngggaaatt tgggggtggg ngccancttg tnngttggtt 840
ttnaataaag nncctccnaa ccncnnnnn nnnnnnnnnn nnnaaaaacc cngggggggg 900
gggggggggg ccnantntt tnnctttaan nnnngg 936

<210> 1740
<211> 936
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(936)
<223> n is a, c, g, or t

<400> 1740
gcctatnngg agctgcaccn cngtggcggc ccgctctaga actagtggat cccccgggct 60

gnaggaattc ggcacgaggc agagttgtgg agttacagaa aaaagtngtc cagcccacaa 120
 aacataangt ggtnactat gtgnaccctt naaaaagggt cantggnnnn ngncttnaan 180
 gggccnnant ntgggggntg ancnnnccna ncnganntna ncnaaggggg ggntggtnat 240
 ttaaggaaat gaaaaagnan gacnagncac ttacnggcc ttttaancnt ntnactggnc 300
 nnggcnnann ccatggncac cccaagccca nggagtgtga nccttncgcg tgccttgga 360
 gagaancna gatatttgga agacgatact acccctaaca catatgctgt gttttctctc 420
 tctacanaat ttttttgaaa agattttttc tttttaattg cggnggaaaa ttaccttcag 480
 taaaatgcgn agacntaagt gcnaccntg tnnattttat gtgcncccta taccntcnc 540
 ccaatcaaga cactggacgc tttcacacc tggtgactgt nccgctatgc acacncgcag 600
 cctggnacaa ataactgg tgttgancgt gttaacaaga gatatgttg gntttaaanc 660
 ctcatgtaa aaaatactgg ggactcttgc tcacaattgt tctgggaggt attcntngtg 720
 gggatcattt attaataccc ccttgngggg tctggcatgg ngacttaaaa cacngcttat 780
 gaanacnttc ctactggtng gngggaaatt tgggggtgg ngccancttg tnngttggtt 840
 ttnaataaag nncctccnaa ccncnnnnnn nnnnnnnnnn nnnaaaaacc cngggggggg 900
 gggggggggg ccnntntt tnnctttaan nnnngg 936

<210> 1741
 <211> 953
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(953)
 <223> n is a, c, g, or t

<400> 1741
 ttnnanaaaa gctggagctc caccgcggtg gcgccgctc tagaactagt ggatcccccg 60
 ggctgcaggc aggatcaagc gattcctggc caagaaacaa aagcagaatc gtcccattcc 120
 tcaatggatt cgaatgaaaa ctggcaataa aatcaggtna aactccaaga gaagacattg 180
 gagaanaacc aagctgggtc tataanaagc angctgggtc tatganaagn ggncttanca 240
 tgtanaccac ttttttngc agccagatca caatgaaanc atcactactg taangctngg 300
 cccatgatgt tatttcctca ctatcagnct gagacccanc attaanata aancgtngca 360
 aaaaaaaaaa aaaaaacntg gggggggggc cggnccccaa ttccccctta tngggngtcg 420
 ataanaannn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnn	953

<210> 1742
 <211> 956
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(956)
 <223> n is a, c, g, or t

<400> 1742	
anantggag ctccaccgcg gtggcgccc gctctagaac tagtggatcc ccgggctgca	60
ggntttaaat caagtcaacc cttttcaaag taaagagttc acacaactac tttcatgaat	120
tttttaatcc cgttggaac atataccagg agtgttccag tatactggaa tacaggcaca	180
ctaccattca tggatgaat tctggggttt acacaaccag ttttgatgca atctgctcag	240
taatataatt tgtcattttt attagaaata taatttcttc atgtgatgtc atgaaattgt	300
acatactgca gtgtgaattt ttttgttttg ttttttaatc tttagtgttt acttcctgca	360
gtgactttga ataaatgaag gaaaaaatc aaaaaaaaa aaaaaaanac ncnggggggg	420
ccccggaccc aaatccnccn naangggngg cntnnanaan nnacaagggtg cggcacctgg	480
agcacanaac aaggttcttg anaccaaag gacctnctgc acacanaaga ctgcccggac	540
aacataacaa catggtttga naactncatt aacaaccttc ngtnngnagn tggaaactct	600
ggcccangaa aaacttaaac ttggaaagtg gnncttggca acnnnccagg ggctgggggg	660
aggacttcna gaccangnt tnnnggnnnn aaatccnaaa nccccanac ntngganaaa	720
tgaantttnn nttcntnna aaaagggttn nggntnaaac ttncntnna ccaaggnnna	780
acntggnnnc cccccnngn aangggntn nntnnnnaaa aaanaaantt tttncagggn	840

nanntntttt naaaaaaann aaaanccnng nnnannncn nnnntaaaaa tttttnnacc 900
 cnnnccgggg gncctnnnc nntggnnnaa aaaanccnnn nnncttggg ncnngg 956

<210> 1743
 <211> 1032
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1032)
 <223> n is a, c, g, or t

<400> 1743
 gcctatctgg agctncacn cngnggcggc cgctctagaa ctagtggatc ccccgggctg 60
 cagganttcg nnnocnggggt tcacttttnc tagtaacnng gncacaccat taggtttcat 120
 gtatcacatt taaccangnc aggnnacatn tncatgggn cgntccagct tactnggatt 180
 acaggcaenc taccattcat ggcattagtc ctgnnttacn ancaaccagc ttnnntgcat 240
 gcctgcagc catatntttg cngcattatg ataaccaaag cntagccntg tcaatgggat 300
 gncttgaaat tgnncannct gntnccgtga ntgtntttcg tttnnanttt gancttgttt 360
 acagaataac tcacctgcat ggncctntna ctanactnac tganagaaan cttgagaaan 420
 ataacctttc tntcgggggg gntccccnt gcctctaaat ccctttaatg gcnaccgtcc 480
 ccctcaggcn caccntggng acctgtgaca naggatTTTT caaaattacn cccctcctnt 540
 gtcccaggcc ccanactttt tccaagggaac aacagcaaac caaaantgcc atncaaaggt 600
 ccancancct ttttgcccc attttccac tttgccattg gggngcaagt ttgccttttg 660
 ccaaaccnca aagtnggagg gaantnggaa atgggaccaa ctttttacna tgggantaaa 720
 aacggttttt tntaacnaaa nanaaccctt tccccaaaag ggggggnttt ntngggnggg 780
 ggccctttnt ttttttcacn ggnaaanang gganagggtt ttttttttt ntccccct 840
 tttggaggcc tttntttttt ttnnttttta ccccntncaa aanaattncc ctttcaaggg 900
 gcccaaacct aaagggtaaa acaaacctcc ngttttgggn cccctttgga aaaaanccng 960
 gggaagggcc cccctnang gggttttttt ttttttcag ggcttttttt tggaaagggg 1020
 ccccagga at 1032

<210> 1744
 <211> 979
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(979)
 <223> n is a, c, g, or t

<400> 1744
 ancaannctg gagctccccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggaattcg gcacgaggct gagaagccan atnctaagga gaaaaaacct gaagccaaga 120
 aggctgatgc tggcangaag gctaaaaagg tgganaagggt gaagaaagtn nanaagggga 180
 agccccactg cagccganat cctgtcctgg ncagaggaat tggcagatat tcccgatcag 240
 ccatgtactc cagaaaggcc ttgtacaaga gaaagtnttc agctgctaaa tccaaggctc 300
 aaaagaaaaa gaaggttcgn gttcttgcta ctgtcacaaa accatttggt ggagacaaga 360
 atgggtgtac ccgagtggtc aaacttcgca aaatgcctag gtattaccct actgaagatg 420
 tgccctgaaa actgttgagt catggcaaaa aacccttcag taagcatgtg aggaagctgc 480
 gtgccagcat cactcctggg accatcctga tcatcctcac tgggccgcca caaaaggcaa 540
 gaaggttgnt ttctgaagc agcttgggca gtgggctttg ctactttgtg aacttgggcc 600
 tnttttcct caatcgaagt ttcttttgn gtanaaacac acccaaaaan tttgtcattt 660
 gncnnctcc cnccaaaaat cgatattcag ngggngtgaa aaatncccaa aacattttca 720
 cttgacnct tacntttaan aaaaaaaaaa agctttggtt naancccan accccccggg 780
 nggggcgana antctttcch cccccggng nggnggggna aattnccgag aatnccccnn 840
 nccccnccg aangntcca atanaaaaaa agcttttngg accttccna aaattttttg 900
 ggnaaaaaaa anaaaaaaag gtttgnccct ttaaaatttc caangggggt taacctttcg 960
 ggtncccg ngntttggn 979